

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

**APPLICATION OF SOLARIS WATER MIDSTREAM,
LLC FOR APPROVAL OF A SALT WATER DISPOSAL
WELL, EDDY COUNTY, NEW MEXICO.**

Case No. 20733

APPLICATION

Solaris Water Midstream, LLC applies for an order approving a salt water disposal well, and in support thereof, states:

1. Applicant proposes to drill the Maley SWD Well No. 7, located 266 feet from the south line and 366 feet from the east line (Unit P) of Section 17, Township 22 South, Range 27 East, N.M.P.M., Eddy County, New Mexico.

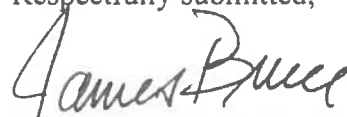
2. Applicant proposes to dispose of produced water into the Devonian and Fusselman (Silurian/Ordovician) formations in the well at depths of 12,600 – 14,400 feet subsurface.

3. A Form C-108 for the subject well is submitted with this application.

4. The granting of this application will prevent waste and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order approving this application.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Solaris Water Midstream, LLC

PROPOSED ADVERTISEMENT

Case No. _____:

Application of Solaris Water Midstream, LLC for approval of a salt water disposal well, Eddy County, New Mexico. Applicant seeks an order approving disposal of produced water into the Devonian and Fusselman (Silurian/Ordovician) formations at depths of 12,600 – 14,400 feet subsurface into the proposed Maley SWD Well No. 7, located 266 feet from the south line and 366 feet from the east line (Unit P) of Section 17, Township 22 South, Range 27 East, N.M.P.M. The well is located approximately 3-1/2 miles northwest of Otis, New Mexico.

LONQUIST & CO. LLC

PETROLEUM
ENGINEERS

ENERGY
ADVISORS

AUSTIN · HOUSTON · WICHITA · DENVER · CALGARY

May 7, 2019

New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division District IV
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
(505) 476-3440

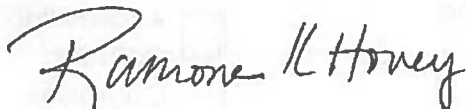
RE: MALEY SWD NO. 7 AUTHORIZATION TO INJECT

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for Solaris Water Midstream, LLC's (Solaris") Maley SWD No. 7. In addition, Forms C-101 and C-102 have also been included with this package. Notices have been sent to offset, operators, leaseholders and the surface owner. Proof of notice will be sent to the OCD upon receipt.

Any questions should be directed towards Solaris Water Midstream, LLC's agent Lonquist & Co., LLC.

Regards,



Ramona K. Hovey
Sr. Petroleum Engineer
Lonquist & Co., LLC

(512) 600-1777
ramona@lonquist.com

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Solaris Water Midstream, LLC **OGRID Number:** 371643
Well Name: Maley SWD #7 **API:**
Pool: SWD; Devonian- Silurian **Pool Code:** 97869

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD
- B. Check one only for [I] or [II]
 [I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
 [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR
- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. ☒ Offset operators or lease holders
 B. ☐ Royalty, overriding royalty owners, revenue owners
 C. ☒ Application requires published notice
 D. ☐ Notification and/or concurrent approval by SLO
 E. ☐ Notification and/or concurrent approval by BLM
 F. ☒ Surface owner
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application
 Content
 Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ramona Hovey – Agent of Solaris Water Midstream

Print or Type Name

Signature

May 2, 2019

Date

(512) 600-1777

Phone Number

ramona@lonquist.com

e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: Solaris Water Midstream, LLC
ADDRESS: 907 Tradewinds Blvd., Suite B, Midland, TX 79706
CONTACT PARTY: Whitney McKee PHONE: 432-203-9020
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes X No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Ramona Hovey TITLE: Consulting Engineer – Agent for Solaris Water Midstream
SIGNATURE: Ramona L Hovey DATE: 5/2/2019
E-MAIL ADDRESS: ramona@lonquist.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted.
Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

OPERATOR: Solaris Water Midstream, LLCWELL NAME & NUMBER: Maley SWD No. 7WELL LOCATION: 266' FSL 366' FEL
FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 18.125"Cemented with: 351 sxTop of Cement: surfaceCasing Size: 16.00"or _____ ft³Method Determined: circulationIntermediate CasingHole Size: 14.750"Cemented with: 382 sxTop of Cement: surfaceCasing Size: 13.375"or _____ ft³Method Determined: circulationProduction CasingHole Size: 12.250"Cemented with: 1,771 sxTop of Cement: surfaceCasing Size: 9.625"or _____ ft³Method Determined: circulationLinerHole Size: 8.500"Cemented with: 484 sxTop of Cement: 8.625'Total Depth: 14,400'Casing Size: 7.625"or _____ ft³Method Determined: calculationInjection Interval12,600 feet to 14,400 feet

(Open Hole)

INJECTION WELL DATA SHEET

Tubing Size: 5.5", 20 lb/ft, HCL-80, BTC from 0' – 8,425' and 5", 18 lb/ft, HCL-80, LTC from 8,425' -12,550'
 Lining Material: Duoline

Type of Packer: Nickel Plated Double Grip Retrievable Packer or Equivalent

Packer Setting Depth: 12,550'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

If no, for what purpose was the well originally drilled?

2. Name of the Injection Formation: Devonian, Fusselman
 3. Name of Field or Pool (if applicable): SWD; Devonian-Silurian 97869

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

No, new drill.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Bone Spring: 5,280'
Wolfcamp: 8,725'
Strawn: 10,190'
Atoka: 10,520'
Morrow: 11,030'



Solaris Water Midstream, LLC

Maley SWD No. 7

FORM C-108 Supplemental Information

III. Well Data

A. Wellbore Information

1.

Well Information	
Lease Name	Maley SWD
Well No.	7
Location	S-17 T-22S R-27E
Footage Location	266' FSL & 366' FEL

2.

a. Wellbore Description

Casing Information				
Type	Surface	Intermediate	Production	Liner
OD	16"	13.375"	9.625"	7.625"
WT	0.495"	0.480"	0.545"	0.500"
ID	15.010"	12.415"	8.535"	6.625"
Drift ID	14.822"	12.259"	8.379"	6.500"
COD	17.000"	13.375"	10.625"	7.625"
Weight	84 lb/ft	68 lb/ft	53.5 lb/ft	39 lb/ft
Grade	J-55 BTC	L-80, EZ-GO FJ3	HCP-110 BTC	Q-125 EZ-GO FJ3
Hole Size	18.125"	14.75"	12.25"	8.5"
Depth Set	475'	2,000'	8,825'	8,625'-12,600'

b. Cementing Program

Cement Information					
Casing String	Conductor	Surface	Intermediate	Production	Liner
Lead Cement	EXTENDACEM™	HALCEM™	HALCEM™	NeoCem™	VERSACEM™
Lead Cement Volume (sacks)	249	235	260	Stage 1: 868 Stage 2: 369	484
Lead Cement Density (ft3/sack)	1.694	1.664	1.732	Stage 1: 2.805 Stage 2: 1.732	1.256
Tail Cement	-	HALCEM™	HALCEM™	NeoCem™	-
Tail Cement Volume (sacks)	-	116	122	Stage 1: 447 Stage 2: 87	-
Tail Cement Density (ft3/sack)	-	1.332	1.332	Stage 1: 1.44 Stage 2: 1.368	-
Cement Excess	0%	50%	30%	50%, 50%	50%
Total Sacks	249	351	382	1,771	484
TOC	Surface	Surface	Surface	Surface	8,625'
Method	Circulate to Surface	Circulate to Surface	Circulate to Surface	Circulate to Surface	Logged

3. Tubing Description

Tubing Information	
OD	5.5"
	5.0"
WT	0.361"
	0.362"
ID	4.778"
	4.276"
Drift ID	4.653"
	4.151"
COD	6.050"
	5.563"
Weight	20 lb/ft
	18 lb/ft
Grade	HCL-80 BTC HCL-80 LTC
Depth Set	0-8,425'
	8,425'-12,550'

Tubing will be lined with Duoline.

4. Packer Description

Nickel Plated Double Grip Retrievable Packer or Equivalent

B. Completion Information

1. Injection Formation: Devonian, Fusselman
2. Gross Injection Interval: 12,600'-14,400'

Completion Type: Open Hole

3. Drilled for injection.
4. See the attached wellbore schematic.
5. Oil and Gas Bearing Zones within area of well:

Formation	Depth
Bone Spring	5,280'
Wolfcamp	8,725'
Strawn	10,190'
Atoka	10,520'
Morrow	11,030'

VI. Area of Review

No wells within the area of review penetrate the proposed injection zone.

VII. Proposed Operation Data

1. Proposed Daily Rate of Fluids to be Injected:

Average Volume: 30,000 BPD
Maximum Volume: 40,000 BPD

2. Closed System

3. Anticipated Injection Pressure:

Average Injection Pressure: 1,890 PSI (surface pressure)
Maximum Injection Pressure: 2,520 PSI (surface pressure)

4. The injection fluid is to be locally produced water. It is expected that the source water will predominantly be from the Avalon, Bone Spring, and Morrow formations. Attached are produced

water sample analyses taken from the closest wells that feature samples from the Atoka, Avalon, Bone Spring, Delaware, and Morrow formations.

5. The disposal interval is non-productive. No water samples are available from the surrounding area.

VIII. Geological Data

Devonian Formation Lithology:

The Devonian formation is a dolomitic ramp carbonate that occurs below the Woodford shale and above the Fusselman formation. Strata found in the Devonian formation include two major groups, the Wristen Buildups and the Thirtyone Deepwater Chert, with the Wristen being more abundant. The Wristen Groups is composed of mixed limestone and dolomites with mudstone to grainstone and boundstone textures. Porosity in the Wristen group is a result of both primary and secondary development. Present are moldic, vugular, karstic (including collapse breccia) features that allow for higher porosities and permeabilities. The Thirtyone Formation contains two end-member reservoir facies, skeletal packstones/grainstones and spiculitic chert, with most of the porosity and permeability found in the coarsely crystalline cherty dolomite. These particular characteristics allow for this formation to be a tremendous Salt Water Disposal horizon.

Fusselman Formation Lithology:

The Silurian/Ordovician Fusselman Formation is stratigraphically below the Wristen Group and is above and separated from the Montoya Formation by the Sylvan Shale. The Sylvan Shale is the lower confining layer for the proposed Maley SWD No. 7 well. Fusselman facies include a laminated skeletal wackestone in the upper part and a buildup complex in the lower part composed of ooid and bryozoan grainstones. These grainstones can also be potentially prolific zones for disposal.

A. Injection Zone: Devonian-Silurian Formation

Formation	Depth
Rustler	110'
Salado (Top of Salt)	500'
Salado (Bottom of Salt)	1,510'
Bell Canyon	2,020'
Cherry Canyon	3,234'
Brushy Canyon	4,145'
Bone Spring	5,280'
Bone Spring 1 st Sand	6,250'
Bone Spring 2 nd Sand	6,975'
Bone Spring 3 rd Sand	8,405'
Wolfcamp	8,725'
Cisco	10,010'
Strawn	10,190'
Atoka	10,520'
Morrow	11,030'
Barnett	11,875'
Devonian	12,600'

B. Underground Sources of Drinking Water

Eighty-one (81) water wells exist within a one-mile radius of the proposed well. Water wells within a one-mile radius have an average depth of 151 feet and an average water depth of 44 feet generally producing from the Carlsbad Basin. The upper Rustler may also be another USDW and will be protected.

IX. Proposed Stimulation Program

50,000 gallon acid job

X. Logging and Test Data on the Well

There are no logs or test data on the well. During the process of drilling and completion resistivity, gamma ray, and density logs will be run.

XI. Chemical Analysis of Fresh Water Wells

Attached is a map of the eighty-one (81) water wells that exist within one-mile of the well location. Samples from two of the wells have been obtained and analysis results will be provided as soon as possible. A Water Right Summary table downloaded from the New Mexico Office of the State Engineer is attached for the wells within a one-mile radius.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources**Oil Conservation Division**☐ AMENDED REPORT**1220 South St. Francis Dr.****Santa Fe, NM 87505****APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

¹ Operator Name and Address SOLARIS WATER MIDSTREAM, LLC 701 TRADEWINDS BLVD., SUITE C MIDLAND, TX 79706		² OGRID Number 371643
		³ API Number TBD
⁴ Property Code	⁵ Property Name MALEY SWD	⁶ Well No. 7

⁷ Surface Location

UL - Lot P	Section 17	Township 22S	Range 27E	Lot Idn	Feet from 266	N/S Line S	Feet From 366	E/W Line E	County EDDY
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⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
-	-	-	-	-	-	-	-	-	-

⁹ Pool Information

Pool Name SWD; Devonian-Silurian	Pool Code 97869
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Additional Well Information

¹¹ Work Type N	¹² Well Type SWD	¹³ Cable/Rotary R	¹⁴ Lease Type Private	¹⁵ Ground Level Elevation 3,122'
¹⁶ Multiple N	¹⁷ Proposed Depth 14,400'	¹⁸ Formation Devonian-Silurian	¹⁹ Contractor TBD	²⁰ Spud Date ASAP
Depth to Ground water 44'		Distance from nearest fresh water well 812'		Distance to nearest surface water >1 mile

☒ We will be using a closed-loop system in lieu of lined pits**²¹ Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	18.125"	16"	84 lb/ft	475'	351	Surface
Intermediate	14.75"	13.375"	68 lb/ft	2,000'	382	Surface
Production	12.25"	9.625"	53.5 lb/ft	8,825'	1,771	Surface
Liner	8.5"	7.625"	39 lb/ft	8,625'-12,600'	484	8,625'
Tubing		5.5" & 5"	20 lb/ft & 18 lb/ft	0' - 8,425' & 8,425' - 12,550'	N/A	

Casing/Cement Program: Additional Comments

See attached schematic.

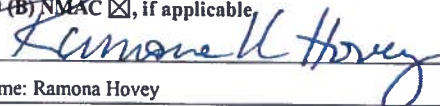
²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/Blinds, Pipe	8,000 psi	10,000 psi	TBD - Schaffer/Cameron

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature:



Printed name: Ramona Hovey

Title: Consulting Engineer

E-mail Address: ramona@lonquist.com

Date: May 2, 2019

Phone: 512-600-1777

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 253-5151 Fax (505) 253-5720

DISTRICT II
611 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax (505) 748-5720

DISTRICT III
1000 Rio Branos Rd., Artec, NM 87410
Phone (505) 834-5178 Fax (505) 834-5179

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-8450 Fax (505) 476-8453

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name MALEY SWD	Well Number 7
OGRID No.	Operator Name SOLARIS WATER MIDSTREAM	Elevation 3122'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	22 S	27 E		266	SOUTH	366	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

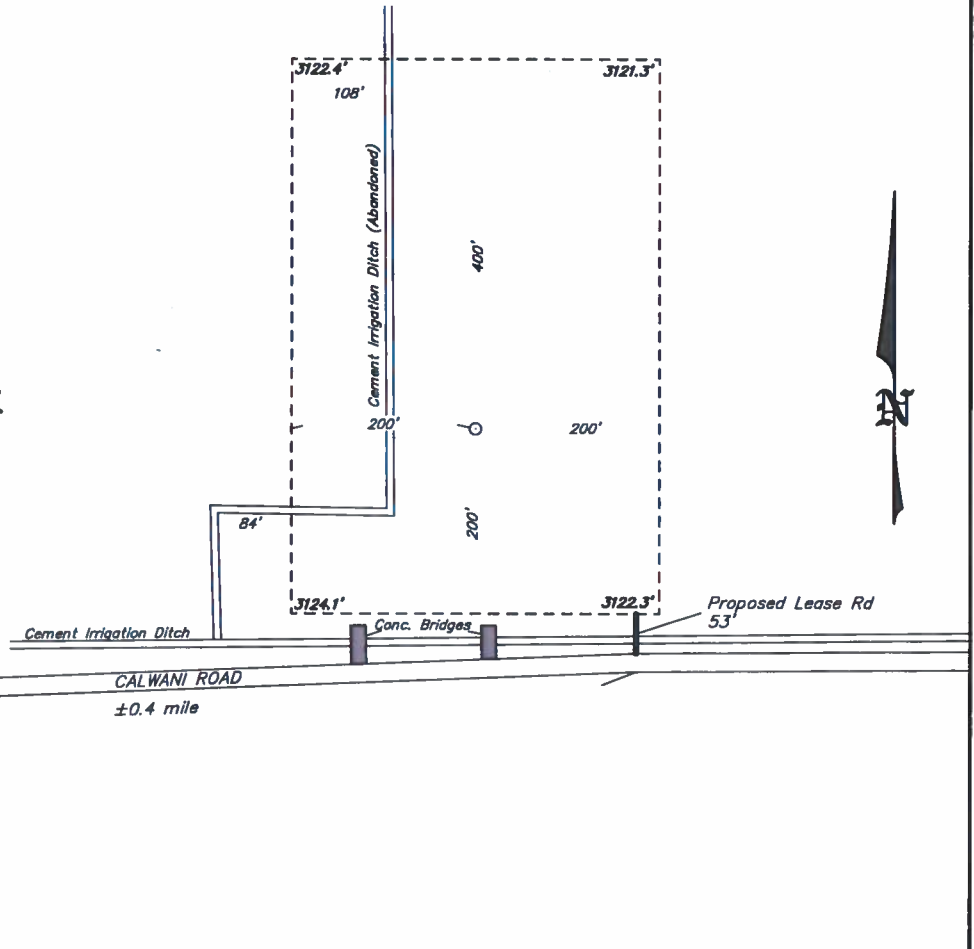
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N:503952.3 E:578258.4 (NAD 83)	SURFACE LOCATION Lat - N 32.386296° Long - W 104.204186° NMSPCE- N 504289.9 E 581209.0 (NAD-83)	N:509312.8 E:581561.3 (NAD 83)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Ramona Hovey</i> 5/2/19 Signature Date Ramona Hovey Printed Name ramona@lonquist.com Email Address
			SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. MAY 26 2019 Date Surveyed Signature of Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 State Surveyor 0' 500' 1000' 1500' 2000' N:504029.3 SCALE: 1" = 1000' E:581575.6 WO Num.: 34444 (NAD 83)

SECTION 17 TOWNSHIP 22 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

MALEY SWD #7
ELEV. - 3122'

Lat - N 32.386296°
Long - W 104.204166°
NMSPCE- N 504289.9
E 581209.0
(NAD-83)



200 0 200 400 FEET
SCALE: 1" = 200'



SOLARIS WATER MIDSTREAM

REF: MALEY SWD #7 / WELL PAD TOPO

THE MALEY SWD #7 LOCATED 266' FROM
THE SOUTH LINE AND 366' FROM THE EAST LINE OF
SECTION 17, TOWNSHIP 22 SOUTH, RANGE 27 EAST
N.M.P.M., EDDY COUNTY, NEW MEXICO.

basin
surveys
focused on excellence
in the oilfield

P.O. Box 1786 (575) 393-7316 - Office
1120 N. West County Rd. (575) 392-2206 - Fax
Hobbs, New Mexico 88241 basin-surveys.com

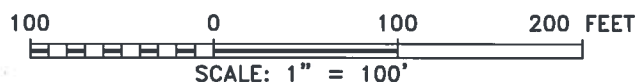
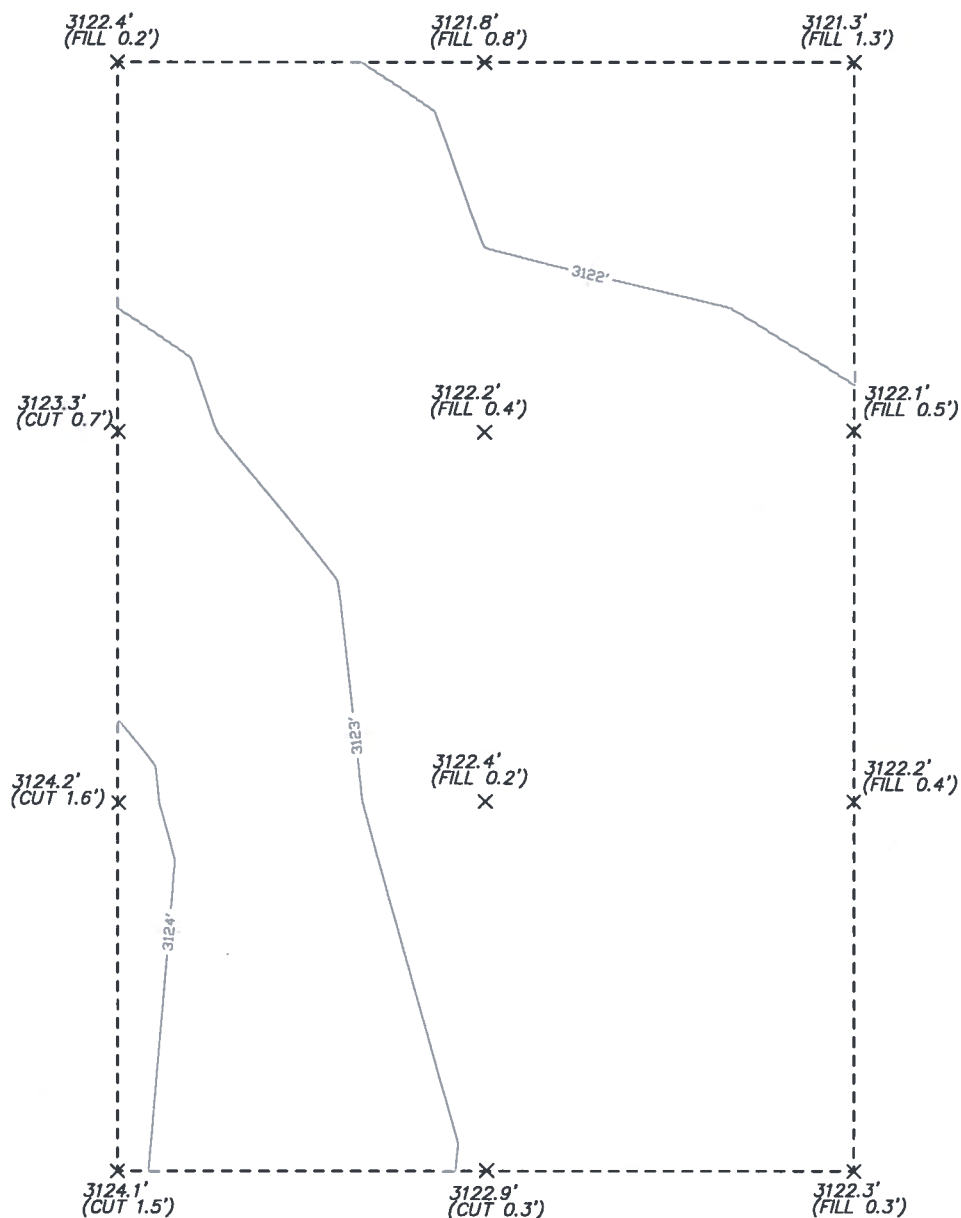
basin
surveys
focused on excellence
in the oilfield

P.O. Box 1786 (575) 393-7316 - Office
1120 N. West County Rd. (575) 392-2206 - Fax
Hobbs, New Mexico 88241 basinsurveys.com



THE MALEY SWD #7 LOCATED 266' FROM
THE SOUTH LINE AND 366' FROM THE EAST LINE OF
SECTION 17, TOWNSHIP 22 SOUTH, RANGE 27 EAST
N.M.P.M., EDDY COUNTY, NEW MEXICO.

**SECTION 17 TOWNSHIP 22 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



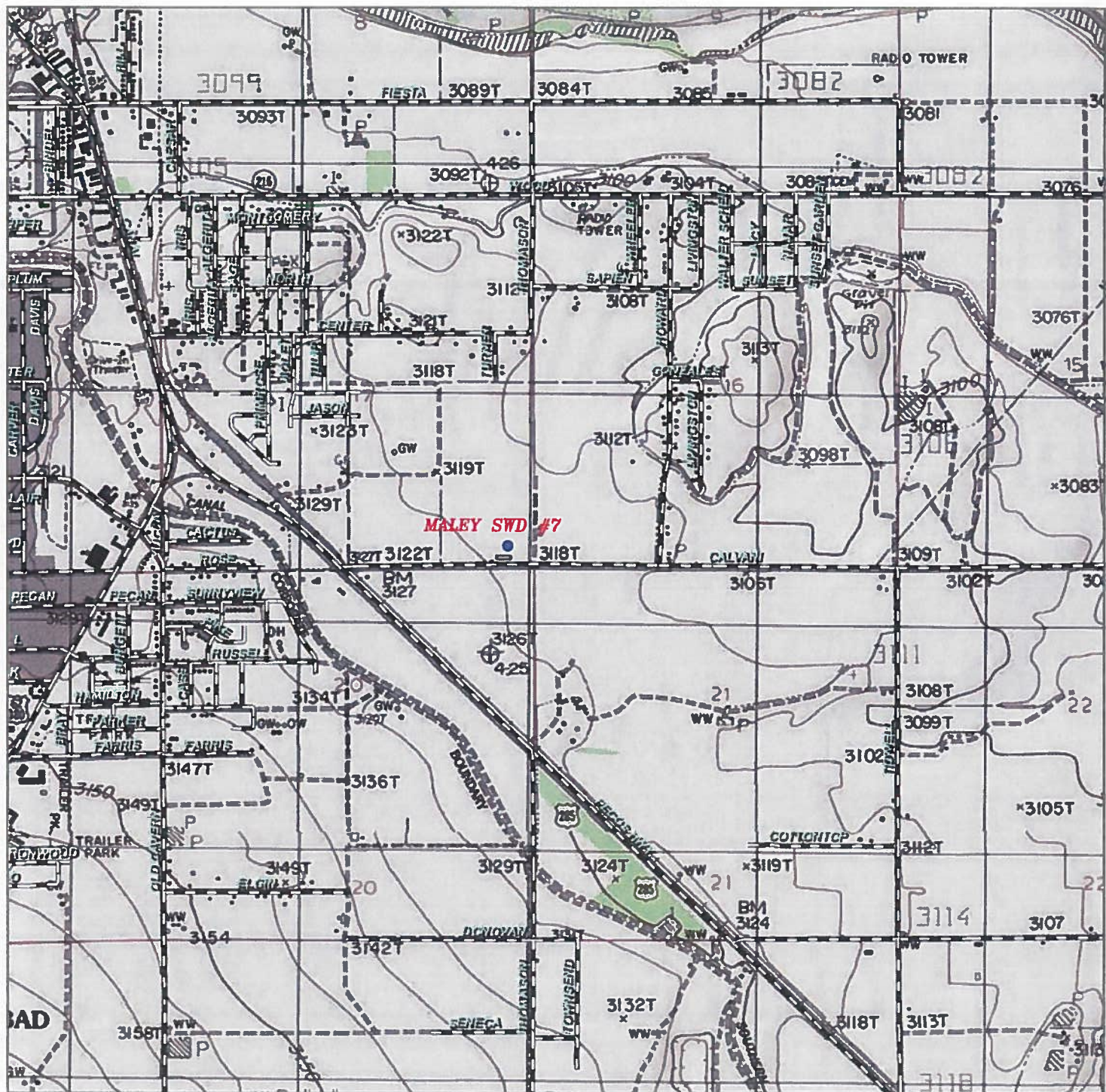
SOLARIS WATER MIDSTREAM

REF: MALEY SWD #7 / CUT & FILL •

THE MALEY SWD #7 LOCATED 266' FROM
THE SOUTH LINE AND 366' FROM THE EAST LINE OF
SECTION 17, TOWNSHIP 22 SOUTH, RANGE 27 EAST
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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MALEY SWD #7

Located 266' FSL & 366' FEL
 Section 17, Township 22 South, Range 27 East,
 N.M.P.M., Eddy County, New Mexico.



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 in the oilfield

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 basinsurveys.com

0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

W.O. Number: KJG - 34444

Survey Date: 09-11-2018

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND





MALEY SWD #7

Located 266' FSL & 366' FEL
 Section 17, Township 22 South, Range 27 East,
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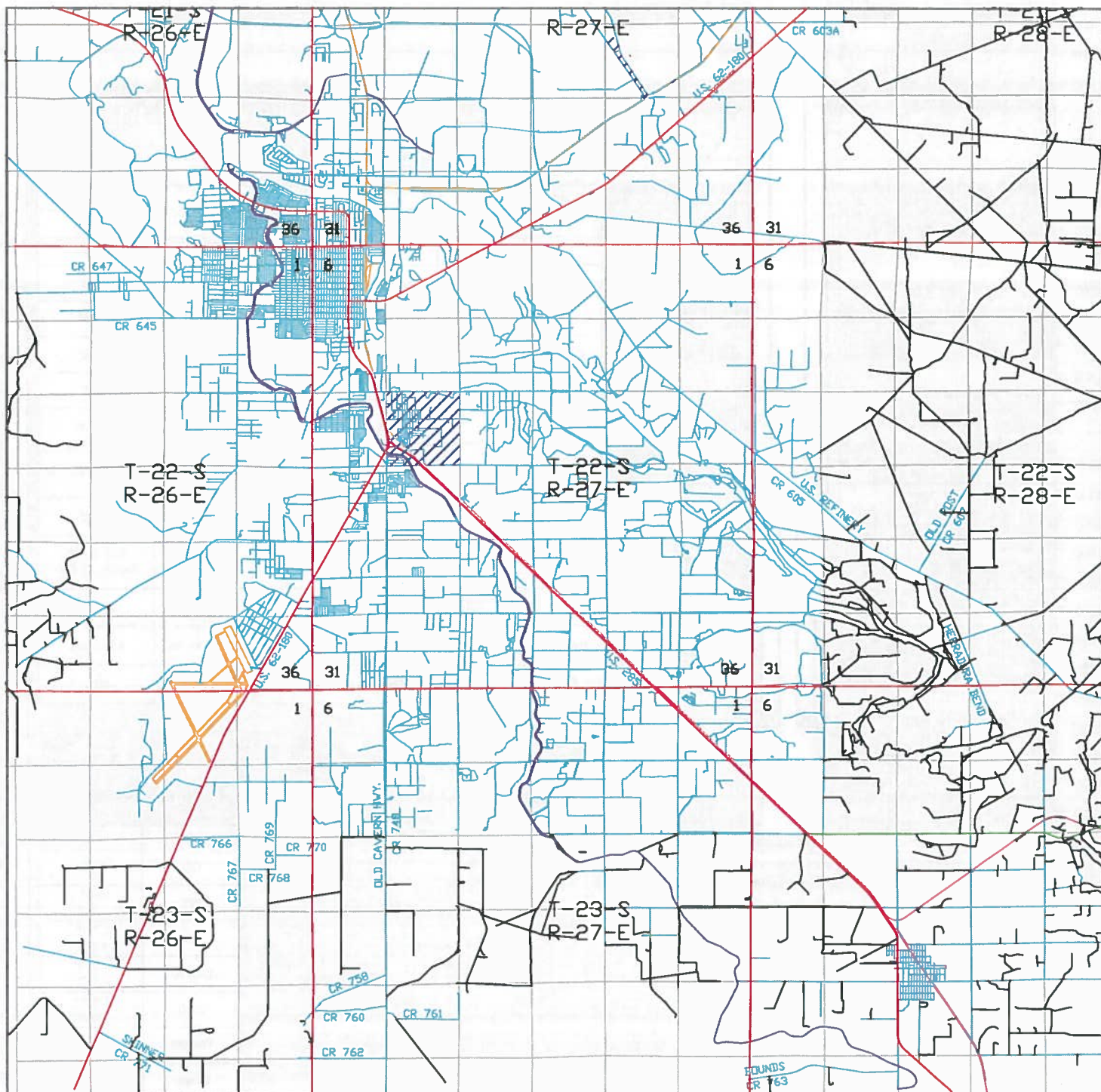
0' 1000' 2000' 3000' 4000'
 SCALE: 1" = 2000'

W.O. Number: KJG - 34444

Survey Date: 09-11-2018

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND





MALEY SWD #7

Located 266' FSL & 366' FEL
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0 1 MI 2 MI 3 MI 4 MI

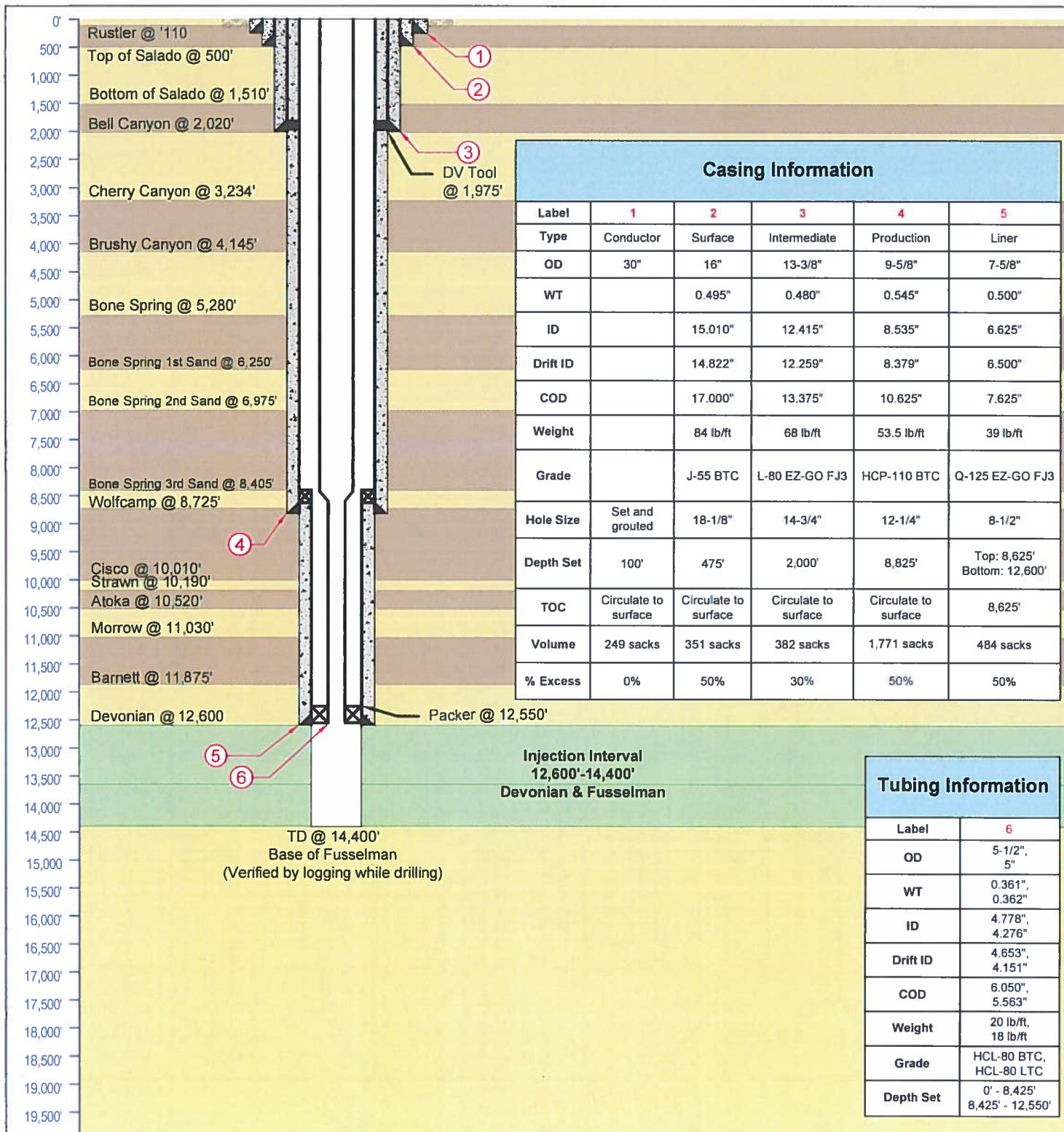
SCALE: 1" = 2 MILES

W.O. Number: KJG 34444

Survey Date: 09-11-2018

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND





LONQUIST & CO. LLC PETROLEUM ENGINEERS ENERGY ADVISORS HOUSTON CALGARY AUSTIN WICHITA DENVER	Solaris Water Midstream, LLC		Maley SWD No. 7	
	Country: USA		State/Province: New Mexico	County/Parish: Eddy
	Location:		Site: 266' FNL, 366' FEL	Survey: S17-T22S-R27E
	API No: NA		Field: Silurian-Devonian (Code: 97869)	Well Type/Status: SWD
	Texas License F-9147		Project No: 1928	Date: 4/8/2019
12912 Hill Country Blvd. Ste F-200 Austin, Texas 78738 Tel: 512.732.9812 Fax: 512.732.9816	NMOCD District No: 2		Drawn: TFM	Reviewed:
	Rev No: 1		Notes:	
Approved:				

SOLARIS WATER MIDSTREAM, LLC

PROPOSED MALEY #7 SWD

Section 17-T22S-R27E

266' FSL & 366' FEL

Eddy County, New Mexico

GEOLOGICAL PROGNOSIS

10/3/2018

Jim Brannigan, C.P.G., R.G.

GL: 3,110' (est.)

KB: 3,132' +22' est.)

Proposed Injection Interval:

<u>Tops</u>	<u>Depths (est.)</u>	<u>Subsea (est.)</u>
Rustler	110'	+3,022
T/Salt	500'	+2,632
B/Salt	1,510'	+1,622
T/Bell Canyon – Oil	2,020'	+1,112
T/Cherry Canyon – Oil	3,234'	-102
T/Brushy Canyon – Oil	4,145'	-1,013
T/Bone Spring – Oil	5,280'	-2,148
T/1 st BS Sand – Oil	6,250'	-3,118
T/2 nd BS Sand – Oil	6,975'	-3,843
T/3 rd BS Sand – Oil	8,405'	-5,273
T/Wolfcamp – Oil	8,725'	-5,593
T/Cisco – Gas	10,010'	-6,878
T/Strawn – Gas	10,190'	-7,058
T/Atoka – Gas	10,520'	-7,388
T/Morrow LS	11,030'	-7,898
T/Morrow Clastics – Gas	11,225'	-8,093
T/Lower Morrow – Gas	11,572'	-8,440
T/Barnett	11,875'	-8,743
T/Devonian	12,600'	-9,468

Top of the Devonian was based on GeoMaps and formation intervals.

PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)	
Drawn by: SJL	Date: 4/4/2019
Approved by: CBW	

PETROLEUM
ENGINEERS
ENERGY
ADVISORS

AUSTIN • HOUSTON | CALLERY • WICHITA
DARTON ROUCE • DENTER • COLLEGE STATION

1 1/2 Mile Radius

1 Mile Radius

QQ-Section (NM-F)

Township/Range (N)

API (30-015-...) SHL Stan

- **Active - Oil (8)**

- **Active - Miscellaneous**

Approved TA - Gas

 **Plugged (Not Released)**

Plugged (Site Relo

13 Canceled Location

Active - Gas (2)

Planned (Site Relo

WebM Data Source: NM-001

7

1

1

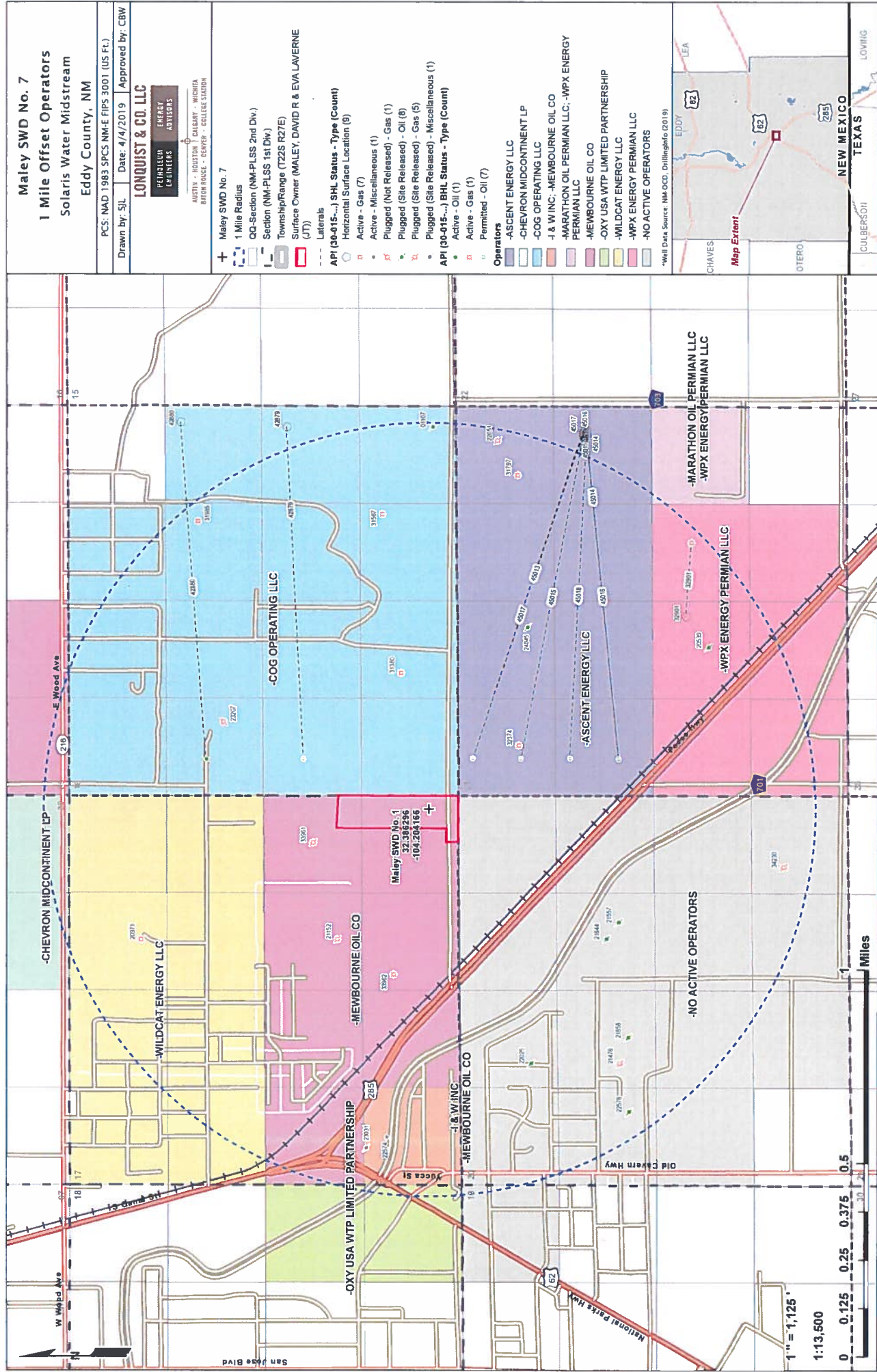
083.

CULBERSON

[illegible]

Malley SWD No. 7
1 Mile Area of Review List

API (36-005-...)	WELL NAME	WELL TYPE	STATUS	OPERATOR	TVD (FT.)	LATITUDE (NAD83 DO)	LONGITUDE (NAD83 DO)	SPUD DATE	FIELD
0107	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	288.3	32.865131000	104.187255000	12/30/1972	CANYON-WILDCAT
20579	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	11895	32.757620000	104.197006200	11/29/1971	
20971	SAW #001	G	A	WILDCAT ENERGY LLC	11690	32.897118000	104.208893300	3/10/1996	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74040] CARLSBAD, STRAWN (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
21152	BLAR #001	G	P	ROY USA INC	11750	32.897321000	104.208893300	9/21/1974	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74120] CARLSBAD, STRAWN, SOUTH (GAS)
21476	MARTIN #001	G	P	DICKSON PETROLEUM	11004	32.379154000	104.215408300	11/27/1995	[74120] CARLSBAD, MORROW, SOUTH (GAS)
21557	MARTIN #002	O	P	METCON DEVELOPMENTS INC	3375	32.379158000	104.209159900	8/29/1975	[73960] CARLSBAD, MORROW, SOUTH (GAS)
21644	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	11782	32.379120000	104.209907500	10/24/1975	[73960] CARLSBAD, MORROW, SOUTH (GAS)
21858	MARTIN #003	O	P	METCON DEVELOPMENTS INC	3400	32.3788071000	104.214271500	8/4/1976	[73960] CARLSBAD, MORROW, SOUTH (GAS)
22025	PRE-ONGARD WELL #004	O	P	PRE-ONGARD WELL OPERATOR	3400	32.3824271000	104.215400700	2/10/1977	[73960] CARLSBAD, MORROW, SOUTH (GAS)
22574	EUGENE #001	M	A	I.E. W INC	663	32.3878591000	104.218653400	6/14/1978	[73960] CARLSBAD, MORROW, SOUTH (GAS)
22576	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	3400	32.3787804000	104.217544600	9/10/1978	[73960] CARLSBAD, MORROW, SOUTH (GAS)
22651	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	3798	32.3836554000	104.187858600	8/15/1978	[73960] CARLSBAD, MORROW, SOUTH (GAS)
23031	EUGENE #002	M	P	I.E. W INC	618	32.3886604000	104.219123800	10/27/1979	[73960] CARLSBAD, MORROW, SOUTH (GAS)
23207	CARLSBAD STATE COM #001	G	H	COG OPERATING LLC	11877	32.3939819000	104.200764000	3/14/1980	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74200] CARLSBAD, MORROW, SOUTH (GAS); [74220] CARLSBAD, MORROW, SOUTH (GAS)
24045	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	11900	32.3825531000	104.196128800	2/8/1982	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74040] CARLSBAD, MORROW, SOUTH (GAS)
31380	CCAP STATE COM #001	O	P	COG OPERATING LLC	10433	32.3873291000	104.198127700	8/14/2008	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74040] CARLSBAD, MORROW, SOUTH (GAS)
31567	CCAP STATE COM #002	G	A	COG OPERATING LLC	12060	32.3880157000	104.191101100	2/19/2001	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74040] CARLSBAD, MORROW, SOUTH (GAS)
31797	WALTERHON FEE #001	G	A	ASCENT ENERGY, LLC	11990	32.3829346000	104.189361600	6/14/2001	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
31985	CCAP STATE COM #003	G	A	COG OPERATING LLC	12000	32.3949661000	104.191406300	1/13/2003	[73960] CARLSBAD, MORROW, SOUTH (GAS)
32374	WALTERHON FEE #002	G	A	ASCENT ENERGY, LLC	12303	32.3829041000	104.201339700	1/14/2003	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74120] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
32901	LOONEY FEE COM #001	G	A	RRI EXPLORATION & PRODUCTION, LLC	12280	32.3766098000	104.195548200	8/12/2003	[73960] CARLSBAD, MORROW, SOUTH (GAS)
33961	KODIAK #001	G	P	CHI OPERATING INC	11840	32.396746000	104.205512200	4/11/2005	[73960] CARLSBAD, MORROW, SOUTH (GAS)
33962	KODIAK #002	G	P	MEWBOURNE OIL CO	11990	32.3876152000	104.211448700	8/13/2005	[73960] CARLSBAD, MORROW, SOUTH (GAS)
34230	PECCOS RIVER 2# #001	G	P	MEWBOURNE OIL CO	11920	32.3729668000	104.206718400	9/7/2006	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
42878	CCAP STATE COM #005H	O	N	COG OPERATING LLC	0	32.3916554746	104.187271722		[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
42879	CCAP STATE COM #005H	O	A	COG OPERATING LLC	8707	32.3952154400	104.187271100		[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
45013	HONIE FEE #021H	O	N	ASCENT ENERGY, LLC	0	32.3804810000	104.187550000	4/13/2015	[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
45014	HONIE FEE #021H	O	N	ASCENT ENERGY, LLC	0	32.3801540000	104.187544000		[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
45015	HONIE FEE #021H	O	N	ASCENT ENERGY, LLC	0	32.3804810000	104.187547000		[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
45016	HONIE FEE #021H	O	N	ASCENT ENERGY, LLC	0	32.3803700000	104.187545000		[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
45017	HONIE FEE #021H	O	N	ASCENT ENERGY, LLC	0	32.3804800000	104.187452000		[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)
45018	HONIE FEE #021H	O	N	ASCENT ENERGY, LLC	0	32.3803560000	104.187452000		[73960] CARLSBAD, MORROW, SOUTH (GAS); [74160] CARLSBAD, MORROW, SOUTH (GAS)



Maley SWD No. 7
1 Mile Offset Lessees
Solaris Water Midstream
Eddy County, NM

PCS: NAD 1983 SPCS NM-E RIPS 3001 (US FL)

Drawn by: SJL Date: 4/4/2019 Approved by: CBW

LONGQUEST & CO. LLC

REGULATORY
ENGINEERS
405195015

AUSTIN - HOUSTON - CAGARY - WICHITA
BAYLOR IRVING - DALLAS - COLLEGE STATION

+ Maley SWD No. 7

1 Mile Radius

QQ-Section (NM-PLSS 2nd Div.)

Section (NM-PLSS 1st Div.)

TownshipRange (T22S R27E)

Surface Owner (MALEY, DAVID R & EVA LAVERNE
(JT))

SLO (O&G Leases)

Laterals

API (30-015-...) SHL Status - Type (Count)

Horizontal Surface Location (9)

Active - Gas (7)

Active - Miscellaneous (1)

Plugged (Not Released) - Gas (1)

Plugged (Site Released) - Oil (8)

Plugged (Site Released) - Gas (5)

Plugged (Site Released) - Miscellaneous (1)

API (30-015-...) BHL Status - Type (Count)

Active - Oil (1)

Active - Gas (1)

Permitted - Oil (7)

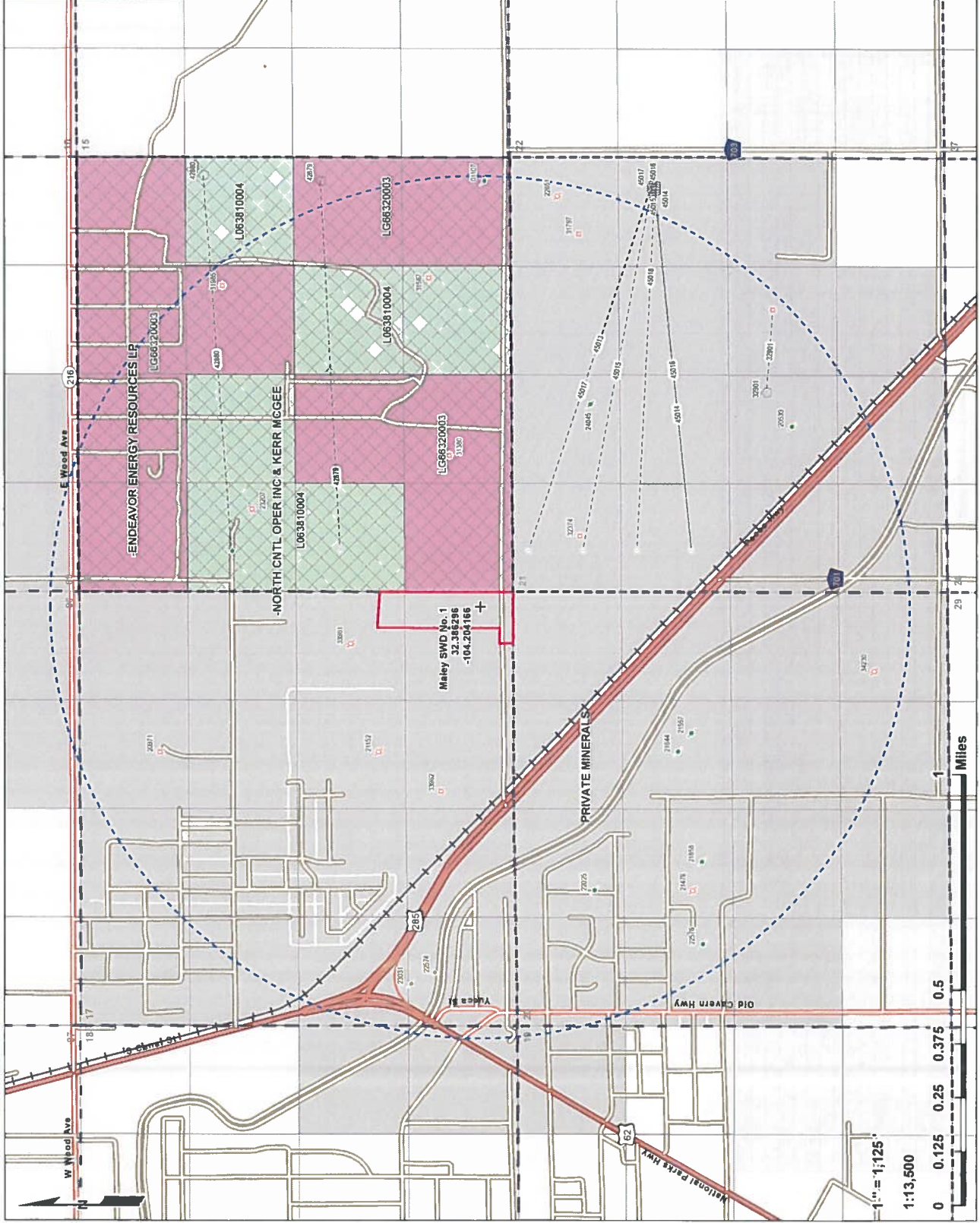
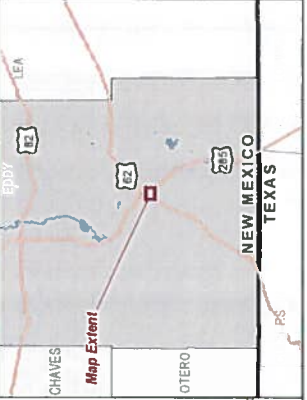
Lessees

-ENDEAVOR ENERGY RESOURCES LP

-NORTH CNTL OPER INC & KERR MCGEE

-NO ACTIVE LESSEES

*Well Data Source: NM DCD, Dillingfield (2019)



Maley SWD No. 7
1 Mile Offset Operators and Lessees List

STIR	Q/L UNIT LETTER(S)	OPERATOR	MINERAL LESSEE	MINERAL OWNER	SURFACE OWNER	ADDRESS 1	ADDRESS 2
8/225/27E	O.P	CHEVRON MIDCONTINENT LP	-	-	-	6301 DEPAULVILLE BLVD	MIDLAND, TX 79706
9/225/27E	M,N	MEYBOURNE OIL CO	-	-	-	PO BOX 5270	HOBBS, NM 88241
16/225/27E	I,P	OXY USA WTP LIMITED PARTNERSHIP	-	-	-	PO BOX 4264	HOUSTON, TX 77210
17/225/27E	A,B,C,D,E,F,G,H	WILDCAT ENERGY LLC	-	-	-	PO BOX 13323	COESBIA, TX 79766
	I,J,K,L,N,O,P	MEYBOURNE OIL CO	-	-	-	PO BOX 5270	HOBBS, NM 88241
	M	I & W INC	-	-	-	PO BOX 98	LOCO HILLS, NM 88255
18/225/27E	B,C,D,E,F,G,H,I,J,K,L,M,N,O,P	MEYBOURNE OIL CO	-	-	-	PO BOX 5270	HOBBS, NM 88241
21/225/27E	A,B,C,D,E,F,G,H	COG OPERATING LLC	-	-	-	600 WILLINGDAYS AVE	MIDLAND, TX 79701
	I	MARATHON OIL PERMAN LLC	-	-	-	1125 17TH ST SUITE 410	DENVER, CO 80202
		WPX ENERGY PERMAN LLC	-	-	-	5555 SAN FELIPE ST	HOUSTON, TX 77058
20/225/27E	J,K,L,M,N,O	WPX ENERGY PERMAN LLC	-	-	-	3500 ONE WILLIAMS CENTER	TULSA, OK 74172
18/225/27E	A,B,C,D,E,F,G,H,I,J,K,L,N,O,P	WPX ENERGY PERMAN LLC	-	-	-	3500 ONE WILLIAMS CENTER	TULSA, OK 74172
Surface Location	A	-	-	PRIVATE	-	-	-
	-	-	-	PRIVATE	-	-	-
	-	-	-	MALEY DAVID R & EVA LAVERNE (JT)	-	90 KINGSHAKE ROAD	CARLSBAD, NM 88220

Maley SWD No. 7 - Offset Produced Water Analysis

Well Name	API	Section	Township	Range	Unit	Country	State	Formation	ph	tot_s_mgl.	sodium_mgl.	calcium_mgl.	iron_mgl.	magnesium_mgl.	manganese_mgl.	chloride_mgl.	bicarbonate_mgl.	sulfate_mgl.	co2_mgl.	
WILLIAMS GAS COM #001	3001522686	25 235	28E	28E	C	EDDY	NM	ATOKA	8.2	236539							138000	2370	3950	
WILLIAMS GAS COM #001	3001522686	25 235	28E	28E	C	EDDY	NM	ATOKA	7.9	217050							128000	1030	3300	
TODD 26 G FEDERAL #001	3001520242	26 235	31E	31E	G	EDDY	NM	ATOKA	6.7	202478							126000	93	540	
NORTH PURE GOLD 8 FEDERAL #014H	3001537966	8 235	31E	31E	O	EDDY	NM	AVALON LOWER	7	143469.1	54686.9	334	67	65	0.9	82680	1952	2871	490	
TODD 36 B STATE #020H	3001538044	36 235	31E	31E	B	EDDY	NM	AVALON LOWER	7	140625.6	54055.2	221	97	62	1	83255	244	1882	500	
COTTON DRAW UNIT #115H	3001537898	34 245	31E	31E	O	EDDY	NM	AVALON LOWER	6.2	247257.5	65970	15480	31	2650	3	160100	122	0	250	
ALDABRA 25 FEDERAL #007H	3001538603	25 235	31E	31E	P	EDDY	NM	AVALON MIDDLE	6.5	120527	37521	5432.2	19.4	676.3	0	74438	122	745	200	
ALDABRA 25 FEDERAL #007H	3001538603	25 235	31E	31E	P	EDDY	NM	AVALON MIDDLE	6.5	120140.1	37521	5432.2	19.4	676.3	0	74438	122	0	200	
NORTH PURE GOLD 8 FEDERAL #015H	3001538282	17 235	31E	31E	A	EDDY	NM	AVALON MIDDLE	6.9	177441.7	60934.5	5485	17	1045	0.7	106633	280.6	1624	470	
H B 11 FEDERAL #008H	3001537900	11 245	29E	29E	B	EDDY	NM	AVALON UPPER	7	174708.9	64668.1	2184	20	358	0.4	104800	878.4	575	50	
BURTON FLAT DEEP UNIT #058H	3001541057	2 215	27E	27E	L	EDDY	NM	BONE SPRING 1ST SAND	7.1	195360.2	73568	1085.6	12.7	254.7	0	115827.2	2367	0	3	
CERF 10 FEDERAL #003H	3001541058	9 215	27E	27E	A	EDDY	NM	BONE SPRING 1ST SAND	7.4	195011	73093.7	1046.9	16.3	250.1	0	115854.3	2318	0	4.1	
CERF 10 FEDERAL COM #004H	3001541059	9 215	27E	27E	H	EDDY	NM	BONE SPRING 1ST SAND	7	204728.2	78059.4	935.3	14.5	227.4	0	120015.1	2427	0	3.5	
LONE TREE DRAW 13 STATE #011H	3001542084	13 215	27E	27E	C	EDDY	NM	BONE SPRING 1ST SAND	7.1	195134	75065.9	1271.5	101.1	263.3	1.22	113705.1	2403	0	4.6	
LONE RANGER 33 STATE #002H	3001541240	33 235	27E	27E	I	EDDY	NM	BONE SPRING 2ND SAND	6.7	201244	67243.9	9225	40.4	1171.5	1.35	121289	61	0	670	
BOSS HOGG 15 STATE COM #003H	3001541837	15 235	26E	26E	B	EDDY	NM	BONE SPRING 2ND SAND	7.3	175341.6	60463.9	4240.3	32.4	641	1.01	107328.3	573	776.1	320	
CLETUS 28 STATE COM #004H	3001542625	28 235	26E	26E	P	EDDY	NM	BONE SPRING 2ND SAND	7.3	176248.8	61583.9	2802.1	19.4	433.4	0	108190.9	1110	0	420	
BO DUKE FEDERAL 5 #003H	3001542693	5 235	26E	26E	O	EDDY	NM	BONE SPRING 2ND SAND	7.2	165576.3	57796.7	3162.7	26.6	507.7	0	100583.3	1098	0	340	
TOMB RAIDER 1 FEDERAL #001H	3001542655	1 235	31E	31E	B	EDDY	NM	BONE SPRING 2ND SAND	6.3	146749.4	47947.3	7556.1	41	940		87902.2		952.5	460	
ALDABRA 25 FEDERAL COM #001H	3001538612	25 235	31E	31E	M	EDDY	NM	BONE SPRING 3RD SAND	5.3	109640.8	35480.3	5430.6	61.9	671.6		66018.5		648.6	370	
COTTON DRAW UNIT #244H	3001542331	36 245	31E	31E	D	EDDY	NM	BONE SPRING 3RD SAND	6.2	113124.8	34288.2	4803.6	24.8	608.1		71446.6		527	100	
COTTON DRAW UNIT #244H	3001542331	36 245	31E	31E	D	EDDY	NM	BONE SPRING 3RD SAND	6.6	110826.1	35072.6	4891.4	30	619.4		68329.9		520.1	200	
COTTON DRAW UNIT #244H	3001542331	36 245	31E	31E	D	EDDY	NM	BONE SPRING 3RD SAND	6.7	104968.4	31519.4	4562.1	30.8	587.4		66479.3		517.4	240	
TRACY #001	3001520204	10 225	27E	27E	C	EDDY	NM	DELAWARE		158000							96200	572	1400	
TRACY #001	3001520204	10 225	27E	27E	C	EDDY	NM	DELAWARE		157000							95000	574	1400	
PARDUE #001	3001501114	12 235	27E	27E	M	EDDY	NM	DELAWARE		129765							79570	101	175	
OLD INDIAN DRAW UNIT #003	3001521504	19 225	28E	28E	B	EDDY	NM	DELAWARE	7.2	127652							76200	415	2600	
OLD INDIAN DRAW UNIT #005	3001521618	18 225	28E	28E	G	EDDY	NM	DELAWARE	8.4	129878							77300	439	2600	
WILLIAMS ESTATE #001	3001527173	34 235	28E	28E	P	EDDY	NM	DELAWARE-BRUSHY CANYON	5.96	101919	34645.1	5772.75	33.325	1197.55		67289.6	40.85	228.975		
CARRASCO 14 #002	3001526293	14 235	28E	28E	G	EDDY	NM	DELAWARE-BRUSHY CANYON	4.3	203960	69637.6	23562	77.35			148750	536.69	148.75		
AMOCO FEDERAL 11 #002	3001526540	11 235	28E	28E	O	EDDY	NM	DELAWARE-BRUSHY CANYON	4.5	244866	91560.9	21510	101.575			179250	72.895	119.5		
BCR FEDERAL #001	3001526891	3 235	28E	28E	A	EDDY	NM	DELAWARE-BRUSHY CANYON	5	228167	81631.6	23469.8	35.85			167300	72.895	149.375		
WILLIAMS ESTATE #001	3001527173	34 235	28E	28E	P	EDDY	NM	DELAWARE-BRUSHY CANYON	6.54	255443	113016	2128.23	592.02	301.86		179189	912.6	1476.54		
HARROUN OPER AREA #001	3001520157	30 225	28E	28E	H	EDDY	NM	MORROW	6.6	53480						32300	476	58		
VILLA A COM #001	3001527886	8 235	28E	28E	K	EDDY	NM	MORROW	5.08	27040.2	8664.21	1173.13	553.382	128.646		16623.9	39.819	147.024		
VILLA A COM #001	3001527886	8 235	28E	28E	K	EDDY	NM	MORROW	6.32	6803.65	2064.35	329.289	154.071	39.273		3939.38	56.392	209.456		
VILLA A COM #001	3001522886	8 235	28E	28E	K	EDDY	NM	MORROW	6.7	7360.18	1292.43	422.1	1059.27	56.28		4157.68	303.51	8.04		
BRANTLEY #001	3001522677	22 235	28E	28E	K	EDDY	NM	MORROW	6.5	278468							166000	78	3400	

Maley SWD No. 7
1 Mile Offset Water Wells
Solaris Water Midstream
Eddy County, NM

PCS: NAD 1983 SPCS NMA-E RIPS 3001 (US Ft.)

Drawn by: SIL Date: 4/4/2019 Approved by: CBW

LONGQUEST & CO. LLC

PETROLEUM
ENGINEERS
ADVISORS

AUSTIN - HOUSTON - CLEVELAND - WICHITA
BATON ROUGE - DENVER - COLLEGE STATION

+ Maley SWD No. 7

• Water Well (70)

-- Distance Call

1 Mile Radius

□ QQ-Section (NMA-PLSS 2nd Div.)

1- Section (NMA-PLSS 1st Div.)

▭ Township Range (T22S R27E)

*Water Well Data Source: NM DSE (2019)

CHAVES

Map Extent

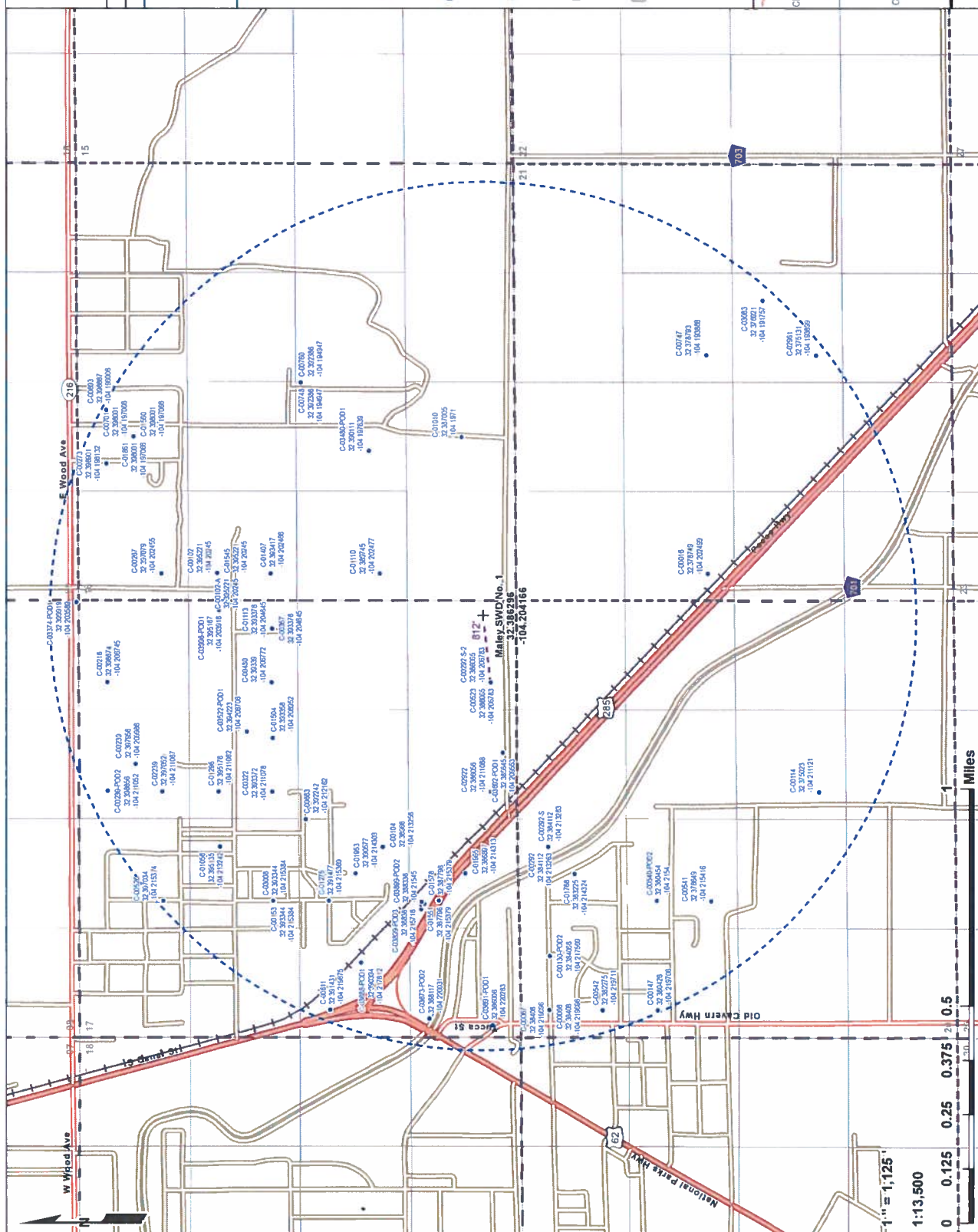
OTERO

NEW MEXICO

TEXAS

CULBERSON

LOWING



1" = 1,125'

1:13,500

0 0.125 0.25 0.375 0.5 1.0 Miles

Maley SWD No. 7 - Water Right Summary

Well Name	Use	Use of Well	Status	POD Status	Owner Last Name	Owner First Name	Well Depth	Water Depth	Distance from Maley SWD No. 7 (feet)	UTM Easting	UTM Northing
C 00292 S-2	IRR	null	DCL	null	ESTATE OF BOBBYE DENE ROGERS	null	null	null	289.943	574609	3583506
C 00523	IRR	null	PMT	PEN	FISCHER	GEORGE	null	null	289.943	574609	3583506
C 03692 POD1	EXP	null	PMT	PEN	BAR "W" FARMS	null	null	null	455.001	574348.8	3583457.5
C 02922	EXP	EXPLORATORY	PMT	ACT	BAR "W" FARMS	null	200	48	605.053	574204	3583502
C 00016	IRR	IRR	LIC	ACT	NICHOLS ORAL C	null	167	null	616.648	575018	3582698
C 01110	DOL	null	PMT	ACT	CALVANI	ALBERT	97	null	707.385	575011	3583917
C 00292	IRR	IRRIGATION	DCL	ACT	ESTATE OF BOBBYE DENE ROGERS	null	183	null	756.645	574001	3583285
C 00292 S	IRR	null	DCL	null	ESTATE OF BOBBYE DENE ROGERS	null	null	null	756.645	574001	3583285
C 01030	DOM	null	PMT	ACT	FORNI	THOMAS	150	null	842.763	575519	3583617
C 01768	DOL	null	PMT	ACT	BRYANT	ISA	104	null	858.039	573902	3583186
C 01965	DOM	null	EXP	PEN	STONE	PAUL J	null	null	920.716	573900	3583593
C 00104	IRR	null	CAN	null	DENHOF	C.E.	null	null	995.769	573997	3583900
C 03480 POD1	DOM	DOMESTIC	PMT	ACT	TORRES	ERNESTO	74	41	999.032	575465.7	3583961
C 00540 POD2	IRR	IRRIGATION	PMT	ACT	WALTERSCHEID	MARK C.	148	45	1026.541	573803	3582878
C 01551	NOT	NOT DRILLED	PRG	null	CROLEY GERALD	null	null	null	1052.348	573799	3583692
C 01578	IRR	IRR	PMT	ACT	CAVERN CITY CONSTRUCTION	null	225	55	1052.348	573799	3583692
C 01113	DOM	null	PMT	PEN	DILL	JAMES	null	null	1062.291	574804	3584318
C 00357	DOM	null	PMT	ACT	TURNER	ADDIE S.	170	50	1062.291	574804	3584318
C 00480	DOM	null	CAN	null	PHILLIPS	E. L.	200	null	1072.245	574604	3584318
C 03899 POD6	MON	null	PMT	PEN	PILOT TRAVEL CENTERS	null	null	null	1083.976	573794.7	3583755.5
C 03899 POD2	MON	null	PMT	ACT	PILOT TRAVEL CENTERS	null	55	10	1084.77	573791.9	3583751.8
C 03899 POD5	MON	null	PMT	ACT	PILOT TRAVEL CENTERS	null	55	10	1086.37	573786.5	3583744.7
C 03899 POD4	MON	null	PMT	ACT	PILOT TRAVEL CENTERS	null	55	10	1094.599	573782.7	3583755.4
C 03899 POD1	MON	null	PMT	ACT	PILOT TRAVEL CENTERS	null	55	10	1094.87	573779.4	3583749.5
C 01407	DOM	null	DCL	null	HAMILTON	JAMES DILLARD	86	null	1096.576	575009	3584324
C 03899 POD3	MON	null	PMT	ACT	PILOT TRAVEL CENTERS	null	55	10	1109.272	573766.8	3583756.5
C 01504	DOM	null	PMT	ACT	ADAMS	JOHNNY O	65	45	1115.314	574399	3584313
C 00541	IRR	null	PMT	null	BAR W FARMS	null	148	null	1115.923	573803	3582678
C 00114	IRR	IRR	LIC	ACT	TRUCKING AND FARMS INC.	WALTERSCHEID	253	null	1120.411	574210	3582279
C 01953	DOM	null	PMT	ACT	CARLTON	EUGENE	82	42	1136.662	573898	3584001
C 00663	DOM	DOMESTIC	PMT	ACT	REYNA	FELIPE	115	30	1140.093	574098	3584187
C 00130 POD2	IRR	null	CAN	PEN	MOFFATT	ROY	null	null	1161.294	573596	3583277
C 00322	DOM	null	EXP	null	WHITE	R.C.	70	null	1194.643	574199	3584313
C 03522 POD1	DOM	null	PMT	null	HARRIS	ESTATE OF GRACIE L	null	null	1200.166	574421.4	3584409
C 00747	IRR	IRR	DCL	ACT	BAR W FARMS	null	148	85	1202.835	575828	3582709
C 04286 POD7	MON	null	PMT	PEN	WOOD E&S	null	null	null	1231.998	573621.4	3583734.2
C 04291 POD9	MON	null	PMT	PEN	WOOD E&S	null	null	null	1236.727	573623.1	3583750.2
C 04291 POD10	MON	null	PMT	PEN	WOOD E&S	null	null	null	1236.727	573623.1	3583750.2
C 04286 POD6	MON	null	PMT	PEN	WOOD E&S	null	null	null	1251.585	573581.3	3583685.6
C 04291 POD7	MON	null	PMT	PEN	WOOD E&S	null	null	null	1261.216	573559.8	3583653.1
C 04291 POD8	MON	null	PMT	PEN	WOOD E&S	null	null	null	1261.406	573559.6	3583653.1
C 03996 POD1	DOL	null	PMT	null	RUBIO	VANESSA	null	null	1265.4	574871.1	3584517
C 04286 POD5	MON	null	PMT	PEN	WOOD E&S	null	null	null	1267.642	573553	3583653
C 01275	IRR	IRR	LIC	ACT	PARKER	W.T.	205	45	1277.852	573797	3584100

C 04286 POD8	MON	null	PMT	PEN	WOOD E&S	null	null	null	1290.516	573574.1	3583772.4
C 01545	DOM	null	PMT	ACT	MENUEY	RICHARD L	90	null	1292.046	575009	3584524
C 00102 A	IRR	null	PMT	PEN	HAMILTON	JAMES DILLARD	null	null	1292.046	575009	3584524
C 00102	IRR	IRR	LIC	ACT	BEN WHEELER ESTATE	null	164	70	1292.046	575009	3584524
C 04291 POD2	MON	null	PMT	PEN	WOOD E&S	null	null	null	1294.87	573574.5	3583784.1
C 04291 POD1	MON	null	PMT	PEN	WOOD E&S	null	null	null	1295.053	573574.3	3583784.1
C 04286 POD4	MON	null	PMT	PEN	WOOD E&S	null	null	null	1305.84	573524.3	3583687.3
C 04291 POD5	MON	null	PMT	PEN	WOOD E&S	null	null	null	1327.013	573503.1	3583690.8
C 04291 POD6	MON	null	PMT	PEN	WOOD E&S	null	null	null	1327.013	573503.1	3583690.8
C 04286 POD3	MON	null	PMT	PEN	WOOD E&S	null	null	null	1335.687	573502.1	3583713.9
C 04286 POD9	MON	null	PMT	PEN	WOOD E&S	null	null	null	1345.039	573538.2	3583825.4
C 00760	DOM	DOMESTIC	PMT	ACT	JURNEY	HARVEY J.	72	44	1356.329	575717	3584215
C 00748	EXP	null	PRG	null	CALVANI BROTHERS	null	null	null	1356.329	575717	3584215
C 00066	IRR	null	DCL	null	WALTERSCHEID	E C	160	null	1361.268	573396	3583277
C 00067	PDM	null	DCL	null	WALTERSCHEID	E C	null	null	1361.268	573396	3583277
C 04286 POD10	MON	null	PMT	PEN	WOOD E&S	null	null	null	1369.292	573523.4	3583850.8
C 04286 POD2	MON	null	PMT	PEN	WOOD E&S	null	null	null	1371.864	573500.4	3583806.9
C 00542	IRR	null	DCL	null	NEAL	TOM W.	120	null	1372.934	573396	3583077
C 01296	DOM	null	PMT	PEN	TEAGUE	C. E.	null	null	1374.654	574199	3584513
C 03688 POD1	EXP	MONITOR	PMT	ACT	AMEC E&I	null	409	40	1390.829	573568.1	3583978.3
C 04286 POD1	MON	null	PMT	PEN	WOOD E&S	null	null	null	1403.808	573489.3	3583859.5
C 00163	DOM	null	PMT	ACT	JANWAY	JESSE	184	80	1406.473	574007	3582067
C 00147	DOM	null	PMT	ACT	BELL	MRS. GRAYSON	53	null	1412.526	573398	3582872
C 04291 POD3	MON	null	PMT	PEN	WOOD E&S	null	null	null	1419.813	573469.5	3583855
C 04291 POD4	MON	null	PMT	PEN	WOOD E&S	null	null	null	1419.813	573469.5	3583855
C 03008	DOM	null	EXP	PEN	CARDONA	SABINA	null	null	1425.003	573794	3584307
C 00153	DOM	null	EXP	null	HELM	ENNIS C.	140	null	1425.003	573794	3584307
C 02961	DOL	null	PMT	ACT	BERRY	RAY L	150	70	1435.516	575830	3582303
C 03691 POD1	EXP	null	PMT	ACT	AMEC E&I	null	701	40	1436.992	573339.2	3583490.1
C 01056	DOM	null	PMT	ACT	REEVES	D. J.	115	45	1464.748	573994	3584507
C 03673 POD2	MON	null	PMT	ACT	AMEC E & I	null	404	40	1472.139	573361.2	3583724.3
C 03083	DOM	null	EXP	PEN	FLORES	DAVID G	null	null	1479.311	576030	3582503
C 00278	DOM	null	EXP	null	MCDANIEL	O. A.	80	null	1479.57	573398	3582672
C 00267	DOM	null	PMT	ACT	JURNEY	A.H.	54	42	1494.297	575007	3584730
C 01035	DOM	null	PMT	ACT	TURNBOW	CHARLES D	90	75	1519.746	573703	3582162
C 02239	IRR	SUPP. IRR.	PMT	null	NESBIT	VIRGIE B	150	34	1567.73	574197	3584721
C 00611	PDM	null	DCL	ACT	THOMPSON	CECIL	185	60	1600.374	573392	3584092

CARLSBAD CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

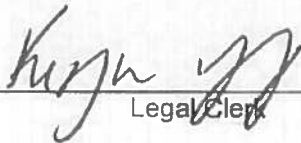
Ad No.
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LONQUIST FIELD SERVICE
1001 MCKINNEY ST., SUITE 1650

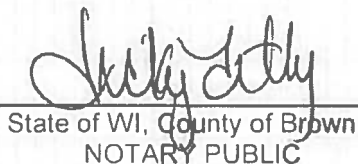
HOUSTON TX 77002

I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

04/05/19


Legal Clerk

Subscribed and sworn before me this
5th of April 2019.


State of WI, County of Brown
NOTARY PUBLIC


My Commission Expires

Legal Notice

Solaris Water Midstream, LLC, 907 Tradewinds Blvd., Suite B, Midland, TX 79706, is filling Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division for administrative approval for its salt water disposal well Maley SWD No. 7. The proposed well will be located 266' FSL & 366' FEL in Section 17, Township 22S, Range 27E in Eddy County, New Mexico. Disposal water will be sourced from area production, and will be injected into the Devonian-Silurian formation (determined by offset log analysis) through an open hole completion between a maximum applied for top of 12,600 feet to a maximum depth of 14,400 feet. The maximum surface injection pressure will not exceed 2,520 psi with a maximum rate of 40,000 BWPD. Interested parties opposing the action must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days. Additional information can be obtained from the applicant's agent, Lonquist & Co., LLC, at (512) 600-1774.

April 5, 2019

Ad# 0001282377
P O : Maley SWD #7
of Affidavits 0.00



Maley SWD No. 7 - List of Affected Parties
Solaris Water Midstream, LLC

COUNTY CLERK	MAILING ADDRESS	PHONE	TRACKING # (USPS)	DATE SHIPPED	DATE RECEIVED
OIL CONSERVATION DIVISION DISTRICT II	811 S. FIRST ST., ARTESIA, NM 88210		USPS - 7018 3090 0002 8582	5/8/2019	
OIL CONSERVATION DIVISION DISTRICT IV	1220 S ST FRANCIS DR, SANTA FE, NM 87505		FEDEX - 7751 6494 2182	5/8/2019	
SURFACE LANDOWNERS	MAILING ADDRESS				
David R & Eva Laverne (JT) Maley	90 Kingsnake Road, Carlsbad, NM 99220		USPS - 7018 3090 0002 2009 8575	5/8/2019	
GOVERNMENT AGENCY	MAILING ADDRESS				
New Mexico State Land Office	310 Old Santa Fe Trail Santa Fe, NM 87501		USPS - 7018 3090 0002 2009 8032	5/8/2019	
AFFECTED PARTIES	MAILING ADDRESS				
Adolfo S. Olivas and Juana F. Olivas	802 Center Ave., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2418	5/7/2019	
Albert Calvani and Mildred Calvani Revocable Trusts/o Jerry Calvani, Trustee	3501 S. Canal, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2425	5/7/2019	
Albert Jerry Calvani and Nancy E. Calvani	PO Box 172, Carlsbad, NM 88221-0172		USPS - 7018 1130 0001 5497 2432	5/7/2019	
Alegria T. Alexander	2530 Rolling Hills Ln., Las Cruces, NM 88011		USPS - 7018 1130 0001 5497 2449	5/7/2019	
Alfredo F. Olivas, Sr. and Vanessa Olivas	806 Center Ave., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2456	5/7/2019	
Alice Ortiz	2312 Wildrose, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2463	5/7/2019	
Allen Wayne Walterscheid	765 E. College, Apt. 6, Durango, CO 81301		USPS - 7018 1130 0001 5497 2470	5/7/2019	
Alliance Land and Minerals, LLC	PO Box 809, Artesia, NM 88211-0809		USPS - 7018 1130 0001 5497 2487	5/7/2019	
Alvy Earl Williams	113 W. Coleman Rd., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2494	5/7/2019	
Ann Avera	264 Avera Rd., Leakeville, MS 39451		USPS - 7018 1130 0001 5497 2500	5/7/2019	
Anna Caye McCoy/o John Boeglin	250 E. Pennsylvania, Apt. 324, Ft. Worth, TX 76104		USPS - 7018 1130 0001 5497 5013	5/7/2019	
Armando Rascon and Carolina Rascon	3319 S. Canal, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 5020	5/7/2019	
Ascent Energy, LLC	1125 17th St., Suite 410, Denver, CO 80202		USPS - 7018 1130 0001 5497 3729	5/7/2019	
Ashlee N. Pennington	18327 W. Onyx Ave., Waddell, AZ 85355		USPS - 7018 1130 0001 5497 5037	5/7/2019	
Aubrey Eldon Lewis	RR2, Box 257, Goldthwaite, TX 76844		USPS - 7018 1130 0001 5497 2531	5/7/2019	
Avery Gerald Williams	508 N. 4th St., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2548	5/7/2019	
Barbara Vanlandingham and Brenda Tomlin	907 Center Ave., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2555	5/7/2019	
Barry Antweil and Deborah T. Antweil	12610 Stillwood Park Ct., Cypress, TX 77433		USPS - 7018 1130 0001 5497 2562	5/7/2019	
Bart Connolly and the Estate of L. Jim Connolly	115 N. Main, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2579	5/7/2019	
Bayswater Fund III-A, LLC	730 17th St., Suite 500, Denver, CO 80202		USPS - 7018 1130 0001 5497 2586	5/7/2019	
Bayswater Resources, LLC	730 17th St., Suite 500, Denver, CO 80202		USPS - 7018 1130 0001 5497 2586	5/7/2019	
Benito Ortega and Jesuita Ortega	2416 S. Primrose, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2593	5/7/2019	
BES Properties, LLC	PO Box 5182, Carlsbad, NM 88221-5182		USPS - 7018 1130 0001 5497 2609	5/7/2019	
Betty J. Davis Living Trust/o Betty Davis, Trustee	2343 Caliete St., Loveland, CO 80537		USPS - 7018 1130 0001 5497 2616	5/7/2019	
Betty Jo Stearns	2501 Missouri St., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2623	5/7/2019	
Beulah Agnes Dubuque	7723 Kimbal Rd., Lyons, MI 48851		USPS - 7018 1130 0001 5497 2630	5/7/2019	
Big Three Energy Group, LLC	PO Box 429, Roswell, NM 88202		USPS - 7018 1130 0001 5497 2647	5/7/2019	
Billy D. Bryan, Jr. and Cynthia Bryan	301 E. Rose St., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2654	5/7/2019	
Blackbird Royalties, LLC	28 Haley Cir., Roswell, NM 88201		USPS - 7018 1130 0001 5497 2661	5/7/2019	
BNSF Railway Co.	PO Box 961089, Fort Worth, TX 76161-0089		USPS - 7018 1130 0001 5497 2678	5/7/2019	
Bonnie D. Williams/o Jerry H. Williams, Agent	PO Box 16227, Las Cruces, NM 88004		USPS - 7018 1130 0001 5497 2685	5/7/2019	
Bonnie Woods	PO Box 407, Menahans, TX 79756		USPS - 7018 1130 0001 5497 2692	5/7/2019	
Brewer Oil Co./o Jay Lambreth	2701 Candelaria NE, Albuquerque, NM 87107		USPS - 7018 1130 0001 5497 2708	5/7/2019	
Carol Benz	No. 1, Oakview Ct., Center, AL 35960		USPS - 7018 1130 0001 5497 2715	5/7/2019	
Carolyn Louis-Garcia	8379 Curlycup Pl., Parker, CO 80134		USPS - 7018 1130 0001 5497 2722	5/7/2019	
Cavern City Construction	PO Box 69, Carlsbad, NM 88221-0069		USPS - 7018 1130 0001 5497 2739	5/7/2019	
Cecilia Kay Boyer	PO Box 27677, Tulsa, OK 74149		USPS - 7018 1130 0001 5497 2746	5/7/2019	
Charles Huttanus, Jr. and Ruth Huttanus	1108 W. Fairgrounds Rd., Artesia, NM 88210		USPS - 7018 1130 0001 5497 2753	5/7/2019	
Chevron Midcontinent, LP	6301 Deauville Blvd., Midland, TX 79706		USPS - 7018 1130 0001 5497 2753	5/7/2019	
City of Carlsbad	PO Box 1569, Carlsbad, NM 88221-1569		USPS - 7018 1130 0001 5497 3576	5/7/2019	
COG Operating, LLC	600 W. Illinois Ave., Midland, TX 79701		USPS - 7018 1130 0001 5497 2760	5/7/2019	
Concentric Oil and Gas, LLC	PO Box 11321, Midland, TX 79702		USPS - 7018 1130 0001 5497 3583	5/7/2019	
Cora McCauley	1502 Jefferson, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2791	5/7/2019	
Corra Sue McCauley	1502 Jefferson, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2807	5/7/2019	
Corrales Construction, LLC	601 Freedom Ln., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 2807	5/7/2019	
CRM 2018, LP	PO Box 51933, Midland, TX 79710		USPS - 7018 1130 0001 5497 2814	5/7/2019	
Crossland Land and Development, LTD	PO Box 11152, Midland, TX 79702-8152		USPS - 7018 1130 0001 5497 2838	5/7/2019	
Cynthia D. Porter	PO Box 293, Eagle Point, OR 97524		USPS - 7018 1130 0001 5497 2845	5/7/2019	

Cynthia Gayle Rollins	8212 Fremont Ave., Lubbock, TX 79423	USPS - 7018 1130 0001 5497 2852	5/7/2019
Dana M. Kimmel	6200 Montana Plaza Dr., Apt. 222, Albuquerque, NM 87120	USPS - 7018 1130 0001 5497 2869	5/7/2019
Dane Williams	1408 Ferguson Rd., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 2876	5/7/2019
Darla Brewer	4001 Milagro Oro, Santa Fe, NM 87507	USPS - 7018 1130 0001 5497 2883	5/7/2019
Daria Lynn Harrington	5517 102nd St., Lubbock, TX 79424	USPS - 7018 1130 0001 5497 2890	5/7/2019
David Allen Tipton	405 Mendel, Fort Stockton, TX 79735	USPS - 7018 1130 0001 5497 2906	5/7/2019
DEBCO, LLC/o Deborah L. Goluska	PO Box 1090, Roswell, NM 88202	USPS - 7018 1130 0001 5497 2913	5/7/2019
Debra Hay Rodawalt	6200 Driftwood Dr., Midland, TX 79707	USPS - 7018 1130 0001 5497 2920	5/7/2019
Debra Louise Kenney	1556 HWY 31, Shady Valley, TN 37688	USPS - 7018 1130 0001 5497 2937	5/7/2019
Deiliah Newman	6526 Quay Rd., Tucuman, NM 88401	USPS - 7018 1130 0001 5497 2944	5/7/2019
Department of Veterans Affairs	810 Vermont Ave NW, Washington, DC 20420	USPS - 7018 1130 0001 5497 2951	5/7/2019
Deresa Ellen Schogfins	20452 Pine Dr., Chandler, TX 75758	USPS - 7018 1130 0001 5497 2968	5/7/2019
Desert Partners VI, LP	PO Box 3579, Midland, TX 79702	USPS - 7018 1130 0001 5497 2975	5/7/2019
Devon Energy Production Company, LP	333 West Sheridan Ave., Oklahoma City, OK 73102	USPS - 7018 1130 0001 5497 3590	5/7/2019
DGS, LLC/o Food Jet	1108 W. Pierce St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 2982	5/7/2019
Diana Williams Lundle	231 Milwaukee St., Denver, CO 80206	USPS - 7018 1130 0001 5497 2999	5/7/2019
Diane Coleman	11674 John Weir, El Paso, TX 79936	USPS - 7018 1130 0001 5497 3002	5/7/2019
Diane Forester	616 Coronado, Denton, TX 76201	USPS - 7018 1130 0001 5497 3019	5/7/2019
Dolph Simpson and Frances Simpson	201 Plum Ln #16, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3026	5/7/2019
Donald Andrews, Joe Andrews and Kenneth Andrews	PO Box 1594, Lovington, NM 88260	USPS - 7018 1130 0001 5497 3033	5/7/2019
Donna Padgett	5536 Baron Dr., Joshua, TX 76058	USPS - 7018 1130 0001 5497 3040	5/7/2019
Dottie Bell Stone Mayes	PO Box 595, Plains, TX 70355	USPS - 7018 1130 0001 5497 3057	5/7/2019
Douglas C. Lynn, Jr.	6207 Old Cavern Hwy., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3064	5/7/2019
Douglas Lunsford	PO Box 806, Roswell, NM 88202	USPS - 7018 1130 0001 5497 3071	5/7/2019
Dow and Williams, PA	PO Box 128, Carlsbad, NM 88221	USPS - 7018 1130 0001 5497 3088	5/7/2019
Duberta Croley	PO Box 1611, Carlsbad, NM 88221	USPS - 7018 1130 0001 5497 3095	5/7/2019
Dwayne B. Smith and Melody M. Smith	4707 Caballero Dr., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3101	5/7/2019
Dwight Smith	217 E. Rose St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3118	5/7/2019
Earl Williams	4116 S. Tidwell Rd., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3125	5/7/2019
Edythe Irene Benz Gibson	8050 Santo Ct., Sparks, NV 89436	USPS - 7018 1130 0001 5497 3132	5/7/2019
Elias Lopez and Dora Lopez	6307 Laguna Rd., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3149	5/7/2019
Ella M. Mason	1516 N. 2nd, Arkansas City, KS 67005	USPS - 7018 1130 0001 5497 3156	5/7/2019
Endeavor Energy Resources, LP	110 North Marfield, Suite 200, Midland, TX 79701	USPS - 7018 1130 0001 5497 3606	5/7/2019
Erminia Holder Trust and William Holder Trust/o Carlsbad National Bank, Trustee	PO Box 1359, Carlsbad, NM 88221-1359	USPS - 7018 1130 0001 5497 3613	5/7/2019
Estate of Bobby Jarvin Smith/o Janice Paxton	10 Serendipity Ln., Romance, AR 72136	USPS - 7018 1130 0001 5497 3163	5/7/2019
Estate of Bobby Dene Rogers/o Raymond E. Rogers, Executor	PO Box 3187, Carlsbad, NM 88221	USPS - 7018 1130 0001 5497 3620	5/7/2019
Estate of Charles V. Ekridge/o Gary Sparks	805 University Ave., Sacramento, CA 95825	USPS - 7018 1130 0001 5497 3170	5/7/2019
Estate of Clifford and Mary Bueche/o Betty Bueche	3511 River Way, San Antonio, TX 78230	USPS - 7018 1130 0001 5497 3187	5/7/2019
Estate of Ennis Creed "Tex" Helm/o Owen Snedson	1007 N. Guadalupe St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3194	5/7/2019
Estate of Juan Rostrod/o Antonio Rostro, Representative	1305 West Riverside Dr., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3200	5/7/2019
Estate of Kenneth Davis/o Kenneth Davis, Trustee	904 NW 51st, Lawton, OK 73505	USPS - 7018 1130 0001 5497 3217	5/7/2019
Estate of Margie Faye Croley	2421 Primrose, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3224	5/7/2019
Estate of Marion Jenkins and Mary Jo Jenkins	1011 Mermod, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3231	5/7/2019
Estate of Mark and Mary Watersheid	400 E. Hamilton, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3248	5/7/2019
Estate of Marley Dayton Williams/o Dianna West	PO Box 1271, Yarnell, AZ 85632	USPS - 7018 1130 0001 5497 3255	5/7/2019
Estate of Sterling Ingram/o Wayne Ingram and Gena Ingram	2308 Violet, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3262	5/7/2019
Estate of Teresa Lorraine Woody/o Steve Woody and Dennis Woody	25382 Hwy 36, Lubell, KS 67744	USPS - 7018 1130 0001 5497 3279	5/7/2019
Estate of W. T. Parker	4401 Buena Vida, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3286	5/7/2019
Estate of William and Mary Merchant/o John Merchant, III	1701 N. Guadalupe St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3293	5/7/2019
Featherstone Development Corporation	PO Box 429, Roswell, NM 88202	USPS - 7018 1130 0001 5497 3309	5/7/2019
Flatrock Royalties, LLC	PO Box 1287, Artesia, NM 88211	USPS - 7018 1130 0001 5497 3316	5/7/2019
Forrest Carlton	604 South 11th St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3323	5/7/2019
Foundation Minerals, LLC	PO Box 50820, Midland, TX 79710	USPS - 7018 1130 0001 5497 3330	5/7/2019
Frances Greer	4002 Old Cavern Hwy., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3347	5/7/2019
Franks G. Tracy, Jr. Credit Trust, c/o Flora Louise Tracey and Mary Elizabeth Dresser, Trustees	PO Box 77, Carlsbad, NM 88221	USPS - 7018 1130 0001 5497 3354	5/7/2019
G. Wilcox Burrows Revocable Trust/o G. Wilcox Burrows, Trustee	2680 Lear Rd., Columbus, OH 43220	USPS - 7018 1130 0001 5497 3361	5/7/2019
Gabler Energy Investments, LLC	1223 North 15th St., Wofforth, TX 79382	USPS - 7018 1130 0001 5497 3378	5/7/2019
Gary Edward Davy	PO Box 3549, Holdenville, OK 74848	USPS - 7018 1130 0001 5497 3385	5/7/2019

Gary Roberts	HC 6, Box 428, Doniphan, MO 63935-0428	USPS - 7018 1130 0001 5497 3392	5/7/2019
George G. Eddy, Jr.	809 Terrace Mountain Dr., Austin, TX 78746	USPS - 7018 1130 0001 5497 3408	5/7/2019
George Vaughn, Jr.	PO Box 13557, Denver, CO 80201-3557	USPS - 7018 1130 0001 5497 3859	5/7/2019
Georgia Roberta Benz DeYoung	8500 SW Iroquois, Tualipin, OR 97062	USPS - 7018 1130 0001 5497 3415	5/7/2019
Gerald Cass and Boneva Cass	308 Hamilton St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3712	5/8/2019
Gerald Williams	4116 S. Tidwell Rd., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3736	5/8/2019
Gerardo Moran	2420 Violet, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3743	5/8/2019
Gina Streety Tischler	2307 West Storey, Midland, TX 79701	USPS - 7018 1130 0001 5497 3750	5/8/2019
Ginnyren Willets	2566 Primrose, Richardson, TX 75082	USPS - 7018 1130 0001 5497 3767	5/8/2019
Gino Campos and Monique Campos	205 Hamilton St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3774	5/8/2019
Gladys Rita Benz Wiseman/O Jackie Yeager	PO Box 3185, Carlsbad, NM 88221	USPS - 7018 1130 0001 5497 3781	5/8/2019
Glen Ballard	1706 W. Tansil, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3798	5/8/2019
Grace Episcopal Church	508 West Fox St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3804	5/8/2019
Gretchen Parra	2939 Healy, Dallas, TX 75228	USPS - 7018 1130 0001 5497 3811	5/8/2019
Hanon Resources, Inc.	PO Box 52521, Midland, TX 79710	USPS - 7018 1130 0001 5497 3828	5/8/2019
Harold W. Ballard	204 Ferrdale St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3835	5/8/2019
Hattie Autry	602 S. Ave. K, Lamesa, TX 79331	USPS - 7018 1130 0001 5497 3837	5/8/2019
Hector Olivas and Edwiges Olivas	105 Old Cavern Hwy., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3864	5/8/2019
Helen T. Elizondo	2412 Tulip, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3651	5/8/2019
Helen Williams Loman	6412 Edgemore Ln., #7, El Paso, TX 79925	USPS - 7018 1130 0001 5497 3658	5/8/2019
Henry H. Grandi and Kathryn M. Grandi Revocable Trust/O Henry H. Grandi, Trustee	PO Box 898, Carlsbad, NM 88221	USPS - 7018 1130 0001 5497 3675	5/8/2019
Henry Madrid and Alicia Madrid	2315 Primrose, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3682	5/8/2019
Herbert W. Mackey Revocable Living Trust/O Herbert Mackey, Trustee	702 E. Wood Ave., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3699	5/8/2019
Hilario Sonora and Aurora Sonora	2311 Violet, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3705	5/8/2019
Holly Chadwick	1777 Woodstock Dr., Brownsville, TX 78132	USPS - 7018 1130 0001 5497 4269	5/8/2019
I & W, Inc.	PO Box 96, Loco Hills, NM 88255-0098	USPS - 7018 1130 0001 5497 3880	5/8/2019
Jack Perkowski and Myrland S. Perkowski	1915 Mountain Shadow Dr., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 4276	5/8/2019
Jacob Moore and Merrellee Moore	1011 Bounds Rd., Loving, NM 88256	USPS - 7018 1130 0001 5497 4283	5/8/2019
James B. Garrett and Donna Garrett	1513 E. 16th St., Alamogordo, NM 88310	USPS - 7018 1130 0001 5497 4290	5/8/2019
James B. Kenney, James Gilbert Bell, Rhoda Sue Bell Smith, Henry G. Bell/O James B. Kenney	D Ranch HC65-478, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 4306	5/8/2019
James Ballard	1802 Solana Rd., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 4313	5/8/2019
James Boegling/O John Boeglin	250 E. Pennsylvania, Apt. 324, Ft. Worth, TX 76104	USPS - 7018 1130 0001 5497 4320	5/8/2019
James D. Rose	14627 N. 55th Pl., Scottsdale, AZ 85254	USPS - 7018 1130 0001 5497 4337	5/8/2019
James D. Smith and Lorna K. Smith	5506 28th St., Lubbock, TX 79407	USPS - 7018 1130 0001 5497 4344	5/8/2019
James G. Townsend	69 W. Compress Rd., Artesia, NM 88210	USPS - 7018 1130 0001 5497 4351	5/8/2019
James Kocmar and Johnny Kocmar/O Laura Stevenson	PO Box 94, Lake Arthur, NM 88253	USPS - 7018 1130 0001 5497 4368	5/8/2019
Jason Skeen, Charlene Skeen and Sara Skeen	1513 Hunt Creek Dr., Moab, UT 84532	USPS - 7018 1130 0001 5497 4375	5/8/2019
Jason Stearns and Betty Jo Stearns	2501 W. Missouri, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 4381	5/8/2019
Jeanette Verhines	PO Box 6084, Roswell, NM 88203	USPS - 7018 1130 0001 5497 4399	5/8/2019
JED Permian, LLC	4060 S. Holly St., Englewood, CO 80111	USPS - 7018 1130 0001 5497 4405	5/8/2019
Jenkins Furniture, Inc.	2320 W. Pierce St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 4412	5/8/2019
Jennifer Vaughn	12808 Angel Springs Dr., Leander, TX 78641	USPS - 7018 1130 0001 5497 4429	5/8/2019
Jerome Boegling/O John Boeglin	250 E. Pennsylvania, Apt. 324, Ft. Worth, TX 76104	USPS - 7018 1130 0001 5497 4436	5/8/2019
Jerry Ballard	188 Black River Rd., Loving, NM 88256	USPS - 7018 1130 0001 5497 4443	5/8/2019
Jerry Carter	1000 N. Kansas Ave., Roswell, NM 88201	USPS - 7018 1130 0001 5497 3866	5/8/2019
Jesus M. Sotelo and Angela M. Sotelo	2417 Violet, Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3873	5/8/2019
Jim Blain Kenney	15450 Winn Rd., Canyon, TX 79015	USPS - 7018 1130 0001 5497 3897	5/8/2019
Jimmie Ray Childress and Avelina Childress	2110 Gray Stone Rd., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3903	5/8/2019
Jimmy Negrete and Patty Amendarez	713 Center St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3989	5/8/2019
Jimmy Wayne Kenney	1011 Date Ave., Idaho, TX 79329	USPS - 7018 1130 0001 5497 3910	5/8/2019
Joe Andrews, Donald Andrews, Sandra Andrews Smith	PO Box 1594, Lovington, NM 88260	USPS - 7018 1130 0001 5497 3927	5/8/2019
John Boeglin	250 E. Pennsylvania, Apt. 324, Ft. Worth, TX 76104	USPS - 7018 1130 0001 5497 4320	5/8/2019
John F. Fischer	5939 Hidden Mist, San Antonio, TX 78250	USPS - 7018 1130 0001 5497 3934	5/8/2019
John F. Williams	2005 Currier St., Artesia, NM 88210	USPS - 7018 1130 0001 5497 3941	5/8/2019
John Paul Williams Special Needs Trust/O Western Commerce Bank, Trustee	PO Box 1358, Carlsbad, NM 88221	USPS - 7018 1130 0001 5497 3958	5/8/2019
John Richard Gentry	1704 North Mesa St., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 3965	5/8/2019
John Scott Fausett	206 E. 2nd St., Monahans, TX 79756	USPS - 7018 1130 0001 5497 3972	5/8/2019
John W. Osborn	PO Box 419, Tipton, OK 76570	USPS - 7018 1130 0001 5497 3996	5/8/2019

Joseph Boeglin/o John Boeglin	250 E. Pennsylvania, Apt. 324, Ft. Worth, TX 76104		USPS - 7018 1130 0001 5497 4320	5/8/2019
Joseph L. Fischer	3010 Hepler Rd., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4009	5/8/2019
Juanita Boeglin	10811 Scallup, Dallas, TX 75228		USPS - 7018 1130 0001 5497 4016	5/8/2019
Judith B. Pate	151 S. Country Club Cir., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4474	5/8/2019
Judith Parker	10 Walker Rd., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4023	5/8/2019
Julie Ann Antwell Trust/o: Julie A. Silverman, Trustee	4408 Canyon Ct., Albuquerque, NM 87111		USPS - 7018 1130 0001 5497 4030	5/8/2019
June Williams McBrayer	4317 Ledy Dr., Midland, TX 79703		USPS - 7018 1130 0001 5497 4047	5/8/2019
Katie J. Lynn	4510 Old Cavern Hwy., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4054	5/8/2019
Kathy Kessler	3910 Old Cavern Hwy., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4061	5/8/2019
Kathy Pyatt	1351 East 21st St., Pueblo, CO 81001		USPS - 7018 1130 0001 5497 4450	5/8/2019
Kenneth Fugate and Betty Fugate	315 E. Rose, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4467	5/8/2019
Kimberly Bland and Jonathan Bland	1111 Silver SW, Apt. D, Albuquerque, NM 87102		USPS - 7018 1130 0001 5497 4481	5/8/2019
Kirkpatrick Living Trust/o R. F. Kirkpatrick and Elizabeth Kirkpatrick, Trustees	1341 Kaghlan Loop Dr., Belen, NM 87002		USPS - 7018 1130 0001 5497 4498	5/8/2019
Kori Williams Sutton	3952 E. FM 916, Grandview, TX 76050		USPS - 7018 1130 0001 5497 4504	5/8/2019
Lanette Joyce Oakleaf	800 Thornton, Clovis, NM 88101		USPS - 7018 1130 0001 5497 4511	5/8/2019
Lanexo, Inc.	7505 Memorial Woods #60, Houston, TX 77024		USPS - 7018 1130 0001 5497 4658	5/8/2019
Laura Cahenzli	5013 Patricia, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4528	5/8/2019
Laura Milangos-Rapp Revocable Trust/o Laura Milangos-Rapp, Trustee	2355 Oakland Bend, San Antonio, TX 78258		USPS - 7018 1130 0001 5497 4535	5/8/2019
Lera Parker	4401 Buena Vida Ct., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4542	5/8/2019
Lillie O. Greene	2014 Jasmine, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4559	5/8/2019
Lorena Faye Hill/o Colin Hill	15550 N. Frank Lloyd Wright, U 1063, Scottsdale, AZ 85260		USPS - 7018 1130 0001 5497 4566	5/8/2019
Loretta Sughrie	PO Box 314, Carlsbad, TX 76934		USPS - 7018 1130 0001 5497 4573	5/8/2019
Lyle L. Walker and Kathryn B. Walker	2945 Fondren, Dallas TX 75205		USPS - 7018 1130 0001 5497 4580	5/8/2019
Lynda Coursey	608 Ward St., Pryor, TX 79777		USPS - 7018 1130 0001 5497 4597	5/8/2019
Lynette McCauley McDonald	1502 Jefferson, Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4603	5/8/2019
Lynette McDonald	PO Box 2292, Roswell, NM 88202-2292		USPS - 7018 1130 0001 5497 4610	5/8/2019
Madison Hinkle and Susan Hinkle	803 South Cypress St., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4627	5/8/2019
Manuel Parra	PO Box 2107, Roswell, NM 88202-2107		USPS - 7018 1130 0001 5497 4634	5/8/2019
Manzano, LLC	PO Box 552, Midland, TX 79702-0552		USPS - 7018 1130 0001 5497 4900	5/8/2019
Marathon Oil Company	5555 San Felipe St., Houston, TX 77056		USPS - 7018 1130 0001 5497 4894	5/8/2019
Marathon Oil Permian, LLC	PO Box 227, Artesia, NM 88211-0227		USPS - 7018 1130 0001 5497 4917	5/8/2019
Maribob Energy Corp.	1010 Center Ave., Space 12, Carlsbad, NM 88220-0404		USPS - 7018 1130 0001 5497 4641	5/8/2019
Margaret Richards	719 El Alhambra Cr. NW, Albuquerque, NM 87107-6341		USPS - 7018 1130 0001 5497 4665	5/8/2019
Marion Lee Smith	1145 Center Ave., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4672	5/8/2019
Marjorie Derrick	3216 Old Cavern Hwy., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4689	5/8/2019
Marsha Ann Puckett Beaver	1004 Jackson, Cortez, CO 81321		USPS - 7018 1130 0001 5497 4696	5/8/2019
Marvin Walker	1204 Center Ave., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4702	5/8/2019
Mary Ann Mellon	129 Cold Springs, Georgetown, TX 77625		USPS - 7018 1130 0001 5497 4719	5/8/2019
Mary Ann Olive Revocable Trust c/o Judy Wyrick, Individually and as Trustee	1412 Doepp Dr., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4726	5/8/2019
Mary Camille Hall	3812 Tallfeather Dr., Round Rock, TX 78681		USPS - 7018 1130 0001 5497 4733	5/8/2019
Mary B. Webber	1716 Trevino Ct., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4740	5/8/2019
Mary Ruth Harrell	1039 Lakewood Terrace, Auisa, CA 91702		USPS - 7018 1130 0001 5497 4757	5/8/2019
Mary Tracy Dresser, Flora Louise Tracy and Charles G. Tracy	223 Mountain Crest Dr., Wimberly, TX 78676		USPS - 7018 1130 0001 5497 4764	5/8/2019
Mavros Minerals, LLC	PO Box 50820, Midland, TX 79710		USPS - 7018 1130 0001 5497 4771	5/8/2019
McCullis Oil and Gas	PO Box 221515, Denver, CO 80222		USPS - 7018 1130 0001 5497 4788	5/8/2019
McCullis Resources Co., Inc.	PO Box 3248, Littleton, CO 80161		USPS - 7018 1130 0001 5497 4795	5/8/2019
McGrail Clin, LLC	1771 N. Vallejo Way, Upland, CA 91784-1965		USPS - 7018 1130 0001 5497 4801	5/8/2019
MCM Exploration Company, LLC	PO Box 1540, Midland, TX 79702		USPS - 7018 1130 0001 5497 4818	5/8/2019
Melvin A. Cardon and Ada Cardon	121 Phlippen Dr., Ontario, OR 97914		USPS - 7018 1130 0001 5497 4825	5/8/2019
Melvin Brininstool Trust/o Melvin Brininstool, Trustee	2502 South Canal St., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4832	5/8/2019
Mewbourne Oil Co.	PO Box 5270, Hobbs, NM 88241		USPS - 7018 1130 0001 5497 4924	5/8/2019
Michael Addy	2409 Primrose St., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4849	5/8/2019
Mildred Monk	405 N. 2nd St., Carlsbad, NM 88220		USPS - 7018 1130 0001 5497 4856	5/8/2019
Mona N. Martin Revocable Custodial Trust/o Ned Norflett, Trustee	3392 Alameda St., Medford, OR 97504		USPS - 7018 1130 0001 5497 4863	5/8/2019
MRC Permian Company	One Lincoln Centre, 5400 (B) Freeway, Suite 1500, Dallas, TX 75240		USPS - 7018 1130 0001 5497 4870	5/8/2019
Myrl Jean Angell	1810 Avenida Del Mundo #1401, Coronado, CA 92118		USPS - 7018 1130 0001 5497 4887	5/8/2019
Nancy Bowden Doss	PO Box 370, Cedar Creek, TX 78612		USPS - 7018 1130 0001 5497 4931	5/8/2019

Nancy Finley Rodekohl	10165 Amador St., Jackson, CA 95642	USPS - 7018 1130 0001 5497 4948	5/8/2019
Naomi Williams Maddox/o Earl Williams	4116 S. Tidwell Rd., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 4955	5/8/2019
Nolan Jack Reeves, Richard W. Reeves and Carol J. Reeves	1186 Center Ave., Carlsbad, NM 88220	USPS - 7018 1130 0001 5497 4962	5/8/2019
Nora Finlay Cook	2119 Loveloy, Cool, CA 95614	USPS - 7018 1130 0001 5497 4979	5/8/2019
Norma J. Hunt	PO Box 128, Paden, OK 74860	USPS - 7018 1130 0001 5497 4986	5/8/2019
Norma Tipton Brown	PO Box 1741, Ft. Stockton, TX 79735	USPS - 7018 1130 0001 5497 4993	5/8/2019
North Central Operating & Kerr McGee	PO Drawer 1468, Graham, TX 76450	USPS - 7018 1130 0001 5497 5006	5/8/2019
Novo Minerals, LP	105 N. Hudson Ave., Suite 500, Oklahoma City, OK 73102	USPS - 7018 1130 0001 5497 5012	5/8/2019
Novo Oil & Gas Northern Delaware, LLC	105 N. Hudson Ave., Suite 500, Oklahoma City, OK 73102	USPS - 7018 1130 0001 5497 5512	5/8/2019
Oak Valley Mineral and Land LP	PO Box 50820, Midland, TX 79710	USPS - 7018 1130 0001 5497 7529	5/8/2019
OLL Energy, LLC	200 N. Loraine St., Suite 510, Midland, TX 79701	USPS - 7018 1130 0001 5497 7536	5/8/2019
Oral C. Nichols, Jr. as Successor(s), as Trustee of the Oral C. and Phyllis S. Nichols Irrevocable Trust	2002 Westridge, #508, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7516	5/8/2019
Oral C. Nichols, Jr. as Successor(s), as Trustee of the Oral C. and Phyllis S. Nichols Revocable UTA dtd. July 12, 2010	2002 Westridge, #508, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7516	5/8/2019
Oral C. Nichols, Jr., Trustee, the Oral C. and Phyllis S. Nichols Revocable Trust UTS dtd. July 12, 2010	2002 Westridge, #508, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7516	5/8/2019
OXY USA WTP Limited Partnership	PO Box 50250, Midland, TX 79710-0250	USPS - 7018 3090 0002 2009 7523	5/8/2019
Pamela Rae Cummings	PO Box 817, Panhandle, TX 79068	USPS - 7018 3090 0002 2009 7530	5/8/2019
Pardue Limited	126 N. Canyon St., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7547	5/8/2019
Patricia Gae Stamps	PO Box 249, Panhandle, TX 79068	USPS - 7018 3090 0002 2009 7554	5/8/2019
Patricia N. Salisbury, Barbara F. Bowden, William M. Glaze, Syble L. Croley, c/o Syble Croley	3990 N. Creek Rd., Beulah, CO 81023	USPS - 7018 3090 0002 2009 7561	5/8/2019
PBEX Resources, LLC	PO Box 10250, Midland, TX 79702	USPS - 7018 3090 0002 2009 7578	5/8/2019
Permian Development, LLC	PO Box 136879, Fort Worth, TX 76136	USPS - 7018 3090 0002 2009 7585	5/8/2019
Perry Lynn Province	905 25th St., Washington, District of Columbia 88202-0429	USPS - 7018 3090 0002 2009 7592	5/8/2019
Petroleum Realty Company, Inc.	1811 SE Main, Roswell, NM 88201	USPS - 7018 3090 0002 2009 7608	5/8/2019
Phillip McCullough	1016 Center Ave., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7615	5/8/2019
Phipps Living Trust/o Tommy Phipps and Werta Phipps, Trustees	3013 Sycamore Ct., Moore, OK 73160	USPS - 7018 3090 0002 2009 7622	5/8/2019
Policarpio B. Garcia	2407 Violet St., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7639	5/8/2019
Queen Oil and Gas Company	PO Box 959, Carlsbad, NM 88221	USPS - 7018 3090 0002 2009 7646	5/8/2019
R. C. Roberts and Ruth Roberts	82 Black River Village Rd., Carlsbad, NM 88256	USPS - 7018 3090 0002 2009 7653	5/8/2019
R.L. Nymeyer	3118 75th St., Lubbock, TX 79423	USPS - 7018 3090 0002 2009 7660	5/8/2019
Rachelle Chadwick	2035 Oakridge Pkwy., South, Terre Haute, IN 47802	USPS - 7018 3090 0002 2009 7677	5/8/2019
Ralph Caliani	28755 Via Zapato, Nurnette, CA 92563	USPS - 7018 3090 0002 2009 7684	5/8/2019
Raymond Gist Stephens	1314 Dorpp Dr., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7691	5/8/2019
Raymond Rice and Samalee Rice	1020 Brazos Dr., Granbury, TX 76048	USPS - 7018 3090 0002 2009 7707	5/8/2019
Realeza Del Spear, LP	PO Box 1684, Midland, TX 79702	USPS - 7018 3090 0002 2009 7714	5/8/2019
Richard V. Lunsford	3846 Frontier Dr., Las Cruces, NM 88011	USPS - 7018 3090 0002 2009 7721	5/8/2019
Richard Weldon	1105 South Country Club, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7738	5/8/2019
Rita Carolyn F. Kezar	PO Box 578, Cloudercroft, NM 88317	USPS - 7018 3090 0002 2009 7745	5/8/2019
Rita F. Eggleston	1432 Crestview Dr., Kaufman, TX 75142	USPS - 7018 3090 0002 2009 7752	5/8/2019
Rita Faye Walterscheid	9708 Canton, Lubbock, TX 79423	USPS - 7018 3090 0002 2009 7769	5/8/2019
RMW Trust/o Jacqueline Williams, Trustee	5 Dovekie Ct., Nantuxet, MA 02554	USPS - 7018 3090 0002 2009 7776	5/8/2019
Roadrunner Oil and Gas, LLC	PO Box 101415, Fort Worth, TX 76185	USPS - 7018 3090 0002 2009 7783	5/8/2019
Robert Daniel Williams/o Earl Williams	4116 S. Tidwell Rd., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7790	5/8/2019
Robert Fischer	3407 Daniel St., Arlington, TX 76014	USPS - 7018 3090 0002 2009 7806	5/8/2019
Robert L. Osborne, Jr.	1905 Wheeler, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7813	5/8/2019
Robert N. Demoss	1146 Center Ave., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7820	5/8/2019
Robert Wayne Davy	2335 Bisontine St., Friendswood, TX 77546	USPS - 7018 3090 0002 2009 7837	5/8/2019
Roger Dale Tipton	3521 156th St., Lubbock, TX 79423	USPS - 7018 3090 0002 2009 7844	5/8/2019
Rolla Hinkle, III and Madison Hinkle	PO Box 2292, Roswell, NM 88202-2292	USPS - 7018 3090 0002 2009 7851	5/8/2019
Rolla Hinkle, III and Rosemary Hinkle	PO Box 2292, Roswell, NM 88202-2292	USPS - 7018 3090 0002 2009 7851	5/8/2019
Ronald E. Payne and Patricia Ann Payne	PO Box 440247, Aurora, CO 80044	USPS - 7018 3090 0002 2009 7868	5/8/2019
Ronald Girmus and Matthew Clinton	9 Raven Tree Rd., Glorieta, NM 87535	USPS - 7018 3090 0002 2009 8216	5/8/2019
Ronald T. May	Calte Colibri 150, Col. Buceras De Bandaras Nayarit, Mexico c.p. 63732	USPS - 7018 3090 0002 2009 8216	5/8/2019
Ronald William Tipton	3704 Windsor Pkwy., Corinth, TX 76210	USPS - 7018 3090 0002 2009 7882	5/8/2019
Ross Duncan Properties, LLC	PO Box 647, Artesia, NM 88211	USPS - 7018 3090 0002 2009 7899	5/8/2019
Roy D. Smith	810 Center Ave., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7905	5/8/2019
Roy T. Townsend	PO Box 5295, Carlsbad, NM 88221	USPS - 7018 3090 0002 2009 7912	5/8/2019
Sadie Hicks, et al/o Norma H. Webb	310 Old Santa Fe Trl., Santa Fe, NM 87504	USPS - 7018 3090 0002 2009 7929	5/8/2019
Sandra Kirkus Bennett	3032 Eagles Nest, Bedford, TX 76021	USPS - 7018 3090 0002 2009 7936	5/8/2019

Sergio Munoz	3720 Trevino, Hobbs, NM 88240	USPS - 7018 3090 0002 2009 7943	5/8/2019
Shawn Judah and Terri Judah	316 E. Rose, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7950	5/8/2019
Shelby Chadwick	2035 Oakridge Pkwy., South, Terre Haute, IN 47802	USPS - 7018 3090 0002 2009 7967	5/8/2019
Sherry Harper-Woolf	103 S. Walnut, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 7974	5/8/2019
Sheryl D. Brewer	PO Box 90834, Albuquerque, NM 87199	USPS - 7018 3090 0002 2009 7981	5/8/2019
Sheryl Jean Taylor (Taylor)	6905 Fulton Ave., Lubbock, TX 79424	USPS - 7018 3090 0002 2009 7998	5/8/2019
Sleen Farm and Ranches, LLC	PO Box 656, Loving, NM 88256	USPS - 7018 3090 0002 2009 8001	5/8/2019
Sonoma M. Nieto	2415 Violet, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8018	5/8/2019
Southwest Petroleum Land Services, LLC	1901 W. 4th St., Roswell, NM 88201	USPS - 7018 3090 0002 2009 8025	5/8/2019
State Highway Department	310 Old Santa Fe Trl., Santa Fe, NM 87504	USPS - 7018 3090 0002 2009 8032	5/8/2019
Stephen L. Lunsford	9165 Kneeland Ct., Elk Grove, CA 95624	USPS - 7018 3090 0002 2009 8049	5/8/2019
Steven Nesbit	PO Box 1368, Alto, NM 88312	USPS - 7018 3090 0002 2009 8254	5/8/2019
Steven R. Hall and Cheryl A. Hall	2320 Missouri, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8056	5/8/2019
Sue Osborn Powell	899 Hedgewood Dr., Georgetown, TX 78620	USPS - 7018 3090 0002 2009 8063	5/8/2019
Surebors Trust of the Kirkpatrick Living Trust/o R. F. Kirkpatrick, Trustee	1341, Taghan Loop, Belen, NM 87002	USPS - 7018 3090 0002 2009 8070	5/8/2019
Susan Boeglin	8120 Stoney Creek, Dallas, TX 75228	USPS - 7018 3090 0002 2009 8087	5/8/2019
Susan Kay Robertson	5108 Sherwood Dr., Midland, TX 79707	USPS - 7018 3090 0002 2009 8094	5/8/2019
Susan Kirkes	201 Shady Grove Dr., Granbury, TX 76049	USPS - 7018 3090 0002 2009 8100	5/8/2019
Susan T. Johnson	11290 N. St. Matthews Min. Rd., Prescott Valley, AZ 86315	USPS - 7018 3090 0002 2009 8117	5/8/2019
Susan Tipton Turley	117 Tankley Cir., Georgetown, TX 78628	USPS - 7018 3090 0002 2009 8124	5/8/2019
Sue McGhee	PO Box 5232, Fallon, NV 89407	USPS - 7018 3090 0002 2009 8131	5/8/2019
Terry Jo Smead	1208 Greer St., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8148	5/8/2019
Terry Daron Tipton	13112 Coriander, Austin, TX 78729	USPS - 7018 3090 0002 2009 8155	5/8/2019
Terry M. Stanley	3156 East Phillips Dr., Centennial, CO 80122	USPS - 7018 3090 0002 2009 8292	5/8/2019
The Charles E. Varzant and Nancy Ellen Varzant Revocable Trust/o Charles and Nancy Varzant, Trustees	497 Pecos River Dr., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8162	5/8/2019
The Corinne B. Grace Trust/o Western Commerce Bank, Trustee	PO Box 1358, Carlsbad, NM 88221	USPS - 7018 3090 0002 2009 8179	5/8/2019
The James L. Sharp and Kathryn B. Sharp Revocable Trust/o Kathryn B. Sharp, Trustee	10 E. Twinberry Pl., The Woodlands, TX 77381	USPS - 7018 3090 0002 2009 8186	5/8/2019
The Margaret E. Kneeling Trust/o Margaret Guengerich, Trustee	PO Box 27617, Tempe, AZ 85282	USPS - 7018 3090 0002 2009 8193	5/8/2019
Theodore Pope and Rachel Pope	6005 Grand Rd., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8309	5/8/2019
Tia Bland and Eric Bland	1008 Crane Dr., SW, Albuquerque, NM 87121	USPS - 7018 3090 0002 2009 8223	5/8/2019
Tim Boeglin	7801 Owen, Ft. Worth, TX 76180	USPS - 7018 3090 0002 2009 8230	5/8/2019
Timothy McLemore and Tina McLemore	1111 Glenarry Dr., Walnut Creek, CA 94596	USPS - 7018 3090 0002 2009 8261	5/8/2019
Tom L. Smith and Terry Lee Smith	221 E. Rose St., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8278	5/8/2019
Tony Wayne Bowden	1111 Glenarry Dr., Walnut Creek, CA 94596	USPS - 7018 3090 0002 2009 8247	5/8/2019
Trevor Turnelle	17521 Arratia, El Paso, TX 79938	USPS - 7018 3090 0002 2009 8285	5/8/2019
Tumbler Energy Partners, LLC	PO Box 50938, Midland, TX 79710	USPS - 7018 3090 0002 2009 8308	5/8/2019
United Fuel and Energy Corporation	2405 West Wall St., Midland, TX 79701	USPS - 7018 3090 0002 2009 8315	5/8/2019
Uplift Energy, LLC	PO Box 10702, Midland, TX 79702	USPS - 7018 3090 0002 2009 8322	5/8/2019
Vicksburg Royalties, LLC/o Mark Veteto	PO Box 2070, Hobbs, NM 88241	USPS - 7018 3090 0002 2009 8339	5/8/2019
Virginia L. Nymeyer	3117 General Chennault, NE, Albuquerque, NM 87101	USPS - 7018 3090 0002 2009 8346	5/8/2019
Virginia Pinkert	312 East Bldgett, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8568	5/8/2019
Viva Williams Garner	707 N. Olive, Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8353	5/8/2019
Walker Family Living Trust/Katherine Walker, Individually and as Trustee	2945 Fondren Dr., Dallas, TX 75205	USPS - 7018 3090 0002 2009 8360	5/8/2019
Wayne O. Lunsford	414 Kolleen Ct., Los Alamos, NM 87544	USPS - 7018 3090 0002 2009 8377	5/8/2019
Weil Family Trust/o Betty Jo Stearns, Trustee	2501 Missouri St., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8384	5/8/2019
Western Petroleum, LLC	PO Box 54446, Lexington, KY 40555	USPS - 7018 3090 0002 2009 8391	5/8/2019
Wilda Joy Carroll	135 Glen Aulin Ln., Burlingame, CA 94010	USPS - 7018 3090 0002 2009 8407	5/8/2019
Wildcat Energy, LLC	PO Box 13323, Odessa, TX 79768	USPS - 7018 3090 0002 2009 8414	5/8/2019
William A. Wheeler	1604 Desert Willow Dr., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8421	5/8/2019
William A. Wheeler and Neva June Wheeler	PO Box 723, Carlsbad, NM 88221	USPS - 7018 3090 0002 2009 8438	5/8/2019
William Anthony Boeglin	3370 Shady Grove Ln., Las Cruces, NM 88007	USPS - 7018 3090 0002 2009 8445	5/8/2019
William George Fischer	PO Box 1001, Mesilla Park, NM 88047	USPS - 7018 3090 0002 2009 8452	5/8/2019
William Hair	PO Box 1861, Capitan, NM 88316	USPS - 7018 3090 0002 2009 8469	5/8/2019
William Ingram, Jr.,	3817 Nancy Lopez, Dr., Clovis, NM 88101	USPS - 7018 3090 0002 2009 8476	5/8/2019
William M. Holder and Erminia Holder	1907 Callaway Dr., Carlsbad, NM 88220	USPS - 7018 3090 0002 2009 8483	5/8/2019
William R. Townsend	110 Rio Vista Dr., Hereford, TX 79045	USPS - 7018 3090 0002 2009 8490	5/8/2019
Wolfcamp Title, LLC	PO Box 412, Roswell, NM 88202	USPS - 7018 3090 0002 2009 8506	5/8/2019

Worth I. Doss		PO Box 1837, Bastrop, TX 78602		USPS - 7018 3090 0002 2009 8513	5/8/2019
WPX Energy Permian, LLC		3500 One Williams Center, Tulsa, OK 74172		USPS - 7018 3090 0002 2009 8520	5/8/2019
WPX Energy Permian, LLC RMI Exploration & Production, LLC		3500 One Williams Center, Tulsa, OK 74172		USPS - 7018 3090 0002 2009 8520	5/8/2019
Xplor Resources, LLC		1104 N. Shore, Carlsbad, NM 88220		USPS - 7018 3090 0002 2009 8537	5/8/2019
XPLOR Resources, LLC		1104 N. Shore, Carlsbad, NM 88220		USPS - 7018 3090 0002 2009 8537	5/8/2019
Zane Williams		3321 Tidwell Rd., Carlsbad, NM 88220		USPS - 7018 3090 0002 2009 8544	5/8/2019
Zeke Hernandez and Irma Hernandez		303 W. Main St., Artesia, NM 88211		USPS - 7018 3090 0002 2009 8551	5/8/2019

Notices were sent for the Malvey WWD No. 7 application by mailing them a copy off the Form C.108 on 5/7/2019 and 5/8/2019



Tyler F. Moehlman
Petroleum Engineer / Lonquist & Co., LLC
Agent for Solaris Water Midstream

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

DAVID R & EVA LAVERNE (JT) MALEY
90 KINGSSNAKE ROAD
CARLSBAD NM 88220

1928-MALEY SWD #7



9590 9402 4809 8344 2868 37

2. Article Number (Transfer from service label)

7018 3090 0002 2009 8575

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Adult Signature

☐ Adult Signature Restricted Delivery

☒ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

☐ Insured Mail

☐ Insured Mail Restricted Delivery (over \$500)

☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Return Receipt for Merchandise

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

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Domestic Mail Only

For delivery information, visit our website at www.usps.com™.

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

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Total P

\$

Sent To

Street

City, S

DAVID R & EVA LAVERNE (JT) MALEY
90 KINGSSNAKE ROAD
CARLSBAD NM 88220

1928-MALEY SWD #7

Postmark
Here

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.

CERTIFIED MAIL®



7018 3090 0002 2009 8575
7018 3090 0002 2009 8575

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: Solaris Water Midstream, LLC
ADDRESS: 907 Tradewinds Blvd., Suite B, Midland, TX 79706
CONTACT PARTY: Whitney McKee PHONE: 432-203-9020
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes X No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Ramona Hovey TITLE: Consulting Engineer – Agent for Solaris Water Midstream
SIGNATURE: Ramona L Hovey DATE: 5/2/2019
E-MAIL ADDRESS: ramona@lonquist.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

OPERATOR: Solaris Water Midstream, LLC

WELL NAME & NUMBER: Maley SWD No. 7

WELL LOCATION: 266' FSL 366' FEL
FOOTAGE LOCATION

P UNIT LETTER

17 SECTION

22S TOWNSHIP

27E RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 18 1/2"
Cemented with: 351 sx
Top of Cement: surface

Casing Size: 16 00"
or _____ ft³
Method Determined: circulation

Intermediate Casing

Hole Size: 14 7/8"
Cemented with: 382 sx
Top of Cement: surface

Casing Size: 13 3/4"
or _____ ft³
Method Determined: circulation

Production Casing

Hole Size: 12 250"
Cemented with: 1 771 sx
Top of Cement: surface

Casing Size: 9 625"
or _____ ft³
Method Determined: circulation

Liner

Hole Size: 8 500"
Cemented with: 484 sx
Top of Cement: 8 625'
Total Depth: 14 400'

Casing Size: 7 625"
or _____ ft³
Method Determined: calculation

Injection Interval

12 600 feet to 14 400 feet
(Open Hole)

INJECTION WELL DATA SHEET

Tubing Size: 5.5", 20 lb/ft, HCL-80, BTC from 0' – 8,425' and 5", 18 lb/ft, HCL-80, LTC from 8,425' -12,550'
 Lining Material: Duoline

Type of Packer: Nickel Plated Double Grip Retrievable Packer or Equivalent

Packer Setting Depth: 12,550'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

If no, for what purpose was the well originally drilled?

2. Name of the Injection Formation: Devonian, Fusselman

3. Name of Field or Pool (if applicable): SWD; Devonian-Silurian 97869

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

No, new drill.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Bone Spring: 5,280'

Wolfcamp: 8,725'

Strawn: 10,190'

Atoka: 10,520'

Morrow: 11,030'

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address SOLARIS WATER MIDSTREAM, LLC 701 TRADEWINDS BLVD., SUITE C MIDLAND, TX 79706		² OGRID Number 371643 ³ API Number TBD
⁴ Property Code	⁵ Property Name MALEY SWD	⁶ Well No. 7

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	17	22S	27E		266	S	366	E	EDDY

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
-	-	-	-		-	-	-	-	-

⁹ Pool Information

⁹ Pool Name SWD; Devonian-Silurian	¹⁰ Pool Code 97869
--	----------------------------------

Additional Well Information

¹¹ Work Type N	¹² Well Type SWD	¹³ Cable/Rotary R	¹⁴ Lease Type Private	¹⁵ Ground Level Elevation 3,122'
¹⁶ Multiple N	¹⁷ Proposed Depth 14,400'	¹⁸ Formation Devonian-Silurian	¹⁹ Contractor TBD	²⁰ Spud Date ASAP
Depth to Ground water 44'		Distance from nearest fresh water well 812'		Distance to nearest surface water >1 mile

☒ We will be using a closed-loop system in lieu of lined pits

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	18.125"	16"	84 lb/ft	475'	351	Surface
Intermediate	14.75"	13.375"	68 lb/ft	2,000'	382	Surface
Production	12.25"	9.625"	53.5 lb/ft	8,825'	1,771	Surface
Liner	8.5"	7.625"	39 lb/ft	8,625'-12,600'	484	8,625'
Tubing		5.5" & 5"	20 lb/ft & 18 lb/ft	0' - 8,425' & 8,425' - 12,550'	N/A	

Casing/Cement Program: Additional Comments

See attached schematic.

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/Blinds, Pipe	8,000 psi	10,000 psi	TBD - Schaffer/Cameron

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
 I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☒, if applicable.
 Signature: *Ramona Hovey*

Printed name: Ramona Hovey

Title: Consulting Engineer

E-mail Address: ramona@lonquist.com

Date: May 2, 2019

Phone: 512-600-1777

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
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Phone (505) 834-8178 Fax (505) 834-8179

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-8460 Fax (505) 476-8463

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name MALEY SWD	Well Number 7
OGRID No.	Operator Name SOLARIS WATER MIDSTREAM	Elevation 3122'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	22 S	27 E		266	SOUTH	366	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres Joint or Infill Consolidation Code Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N:509312.8
E:581561.3
(NAD 83)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Ramona Hovey 5/2/19
Signature Date

Ramona Hovey

Printed Name
ramona@lonquist.com

Email Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 26, 2019
Date Surveyed
Signature of Professional Surveyor
7977

Certification of Gary L. Morris 7977
Date Surveyed

SURFACE LOCATION
Lat - N 32.386296°
Long - W 104.204186°
NMSPC- E 581209.0
(NAD-83)

SL 366'
266'

N:503952.3
E:578258.4
(NAD 83)

0' 500' 1000' 1500' 2000'
SCALE: 1" = 1000'
WO Num.: 34444
(NAD 83)



Solaris Water Midstream, LLC

Maley SWD No. 7

FORM C-108 Supplemental Information

III. Well Data

A. Wellbore Information

1.

Well Information	
Lease Name	Maley SWD
Well No.	7
Location	S-17 T-22S R-27E
Footage Location	266' FSL & 366' FEL

2.

a. Wellbore Description

Casing Information				
Type	Surface	Intermediate	Production	Liner
OD	16"	13.375"	9.625"	7.625"
WT	0.495"	0.480"	0.545"	0.500"
ID	15.010"	12.415"	8.535"	6.625"
Drift ID	14.822"	12.259"	8.379"	6.500"
COD	17.000"	13.375"	10.625"	7.625"
Weight	84 lb/ft	68 lb/ft	53.5 lb/ft	39 lb/ft
Grade	J-55 BTC	L-80, EZ-GO FJ3	HCP-110 BTC	Q-125 EZ-GO FJ3
Hole Size	18.125"	14.75"	12.25"	8.5"
Depth Set	475'	2,000'	8,825'	8,625'-12,600'

b. Cementing Program

Cement Information					
Casing String	Conductor	Surface	Intermediate	Production	Liner
Lead Cement	EXTENDACEM™	HALCEM™	HALCEM™	NeoCem™	VERSACEM™
Lead Cement Volume (sacks)	249	235	260	Stage 1: 868 Stage 2: 369	484
Lead Cement Density (ft3/sack)	1.694	1.664	1.732	Stage 1: 2.805 Stage 2: 1.732	1.256
Tail Cement	-	HALCEM™	HALCEM™	NeoCem™	-
Tail Cement Volume (sacks)	-	116	122	Stage 1: 447 Stage 2: 87	-
Tail Cement Density (ft3/sack)	-	1.332	1.332	Stage 1: 1.44 Stage 2: 1.368	-
Cement Excess	0%	50%	30%	50%, 50%	50%
Total Sacks	249	351	382	1,771	484
TOC	Surface	Surface	Surface	Surface	8,625'
Method	Circulate to Surface	Circulate to Surface	Circulate to Surface	Circulate to Surface	Logged

3. Tubing Description

Tubing Information	
OD	5.5"
	5.0"
WT	0.361"
	0.362"
ID	4.778"
	4.276"
Drift ID	4.653"
	4.151"
COD	6.050"
	5.563"
Weight	20 lb/ft
	18 lb/ft
Grade	HCL-80 BTC
	HCL-80 LTC
Depth Set	0-8,425'
	8,425'-12,550'

Tubing will be lined with Duoline.

4. Packer Description

Nickel Plated Double Grip Retrievable Packer or Equivalent

B. Completion Information

1. Injection Formation: Devonian, Fusselman
2. Gross Injection Interval: 12,600'-14,400'

Completion Type: Open Hole

3. Drilled for injection.
4. See the attached wellbore schematic.
5. Oil and Gas Bearing Zones within area of well:

Formation	Depth
Bone Spring	5,280'
Wolfcamp	8,725'
Strawn	10,190'
Atoka	10,520'
Morrow	11,030'

VI. Area of Review

No wells within the area of review penetrate the proposed injection zone.

VII. Proposed Operation Data

1. Proposed Daily Rate of Fluids to be Injected:

Average Volume: 30,000 BPD
Maximum Volume: 40,000 BPD

2. Closed System

3. Anticipated Injection Pressure:

Average Injection Pressure: 1,890 PSI (surface pressure)
Maximum Injection Pressure: 2,520 PSI (surface pressure)

4. The injection fluid is to be locally produced water. It is expected that the source water will predominantly be from the Avalon, Bone Spring, and Morrow formations. Attached are produced

water sample analyses taken from the closest wells that feature samples from the Atoka, Avalon, Bone Spring, Delaware, and Morrow formations.

5. The disposal interval is non-productive. No water samples are available from the surrounding area.

VIII. Geological Data

Devonian Formation Lithology:

The Devonian formation is a dolomitic ramp carbonate that occurs below the Woodford shale and above the Fusselman formation. Strata found in the Devonian formation include two major groups, the Wristen Buildups and the Thirtyone Deepwater Chert, with the Wristen being more abundant. The Wristen Groups is composed of mixed limestone and dolomites with mudstone to grainstone and boundstone textures. Porosity in the Wristen group is a result of both primary and secondary development. Present are moldic, vugular, karstic (including collapse breccia) features that allow for higher porosities and permeabilities. The Thirtyone Formation contains two end-member reservoir facies, skeletal packstones/grainstones and spiculitic chert, with most of the porosity and permeability found in the coarsely crystalline cherty dolomite. These particular characteristics allow for this formation to be a tremendous Salt Water Disposal horizon.

Fusselman Formation Lithology:

The Silurian/Ordovician Fusselman Formation is stratigraphically below the Wristen Group and is above and separated from the Montoya Formation by the Sylvan Shale. The Sylvan Shale is the lower confining layer for the proposed Maley SWD No. 7 well. Fusselman facies include a laminated skeletal wackestone in the upper part and a buildup complex in the lower part composed of ooid and bryozoan grainstones. These grainstones can also be potentially prolific zones for disposal.

A. Injection Zone: Devonian-Silurian Formation

Formation	Depth
Rustler	110'
Salado (Top of Salt)	500'
Salado (Bottom of Salt)	1,510'
Bell Canyon	2,020'
Cherry Canyon	3,234'
Brushy Canyon	4,145'
Bone Spring	5,280'
Bone Spring 1 st Sand	6,250'
Bone Spring 2 nd Sand	6,975'
Bone Spring 3 rd Sand	8,405'
Wolfcamp	8,725'
Cisco	10,010'
Strawn	10,190'
Atoka	10,520'
Morrow	11,030'
Barnett	11,875'
Devonian	12,600'

B. Underground Sources of Drinking Water

Eighty-one (81) water wells exist within a one-mile radius of the proposed well. Water wells within a one-mile radius have an average depth of 151 feet and an average water depth of 44 feet generally producing from the Carlsbad Basin. The upper Rustler may also be another USDW and will be protected.

IX. Proposed Stimulation Program

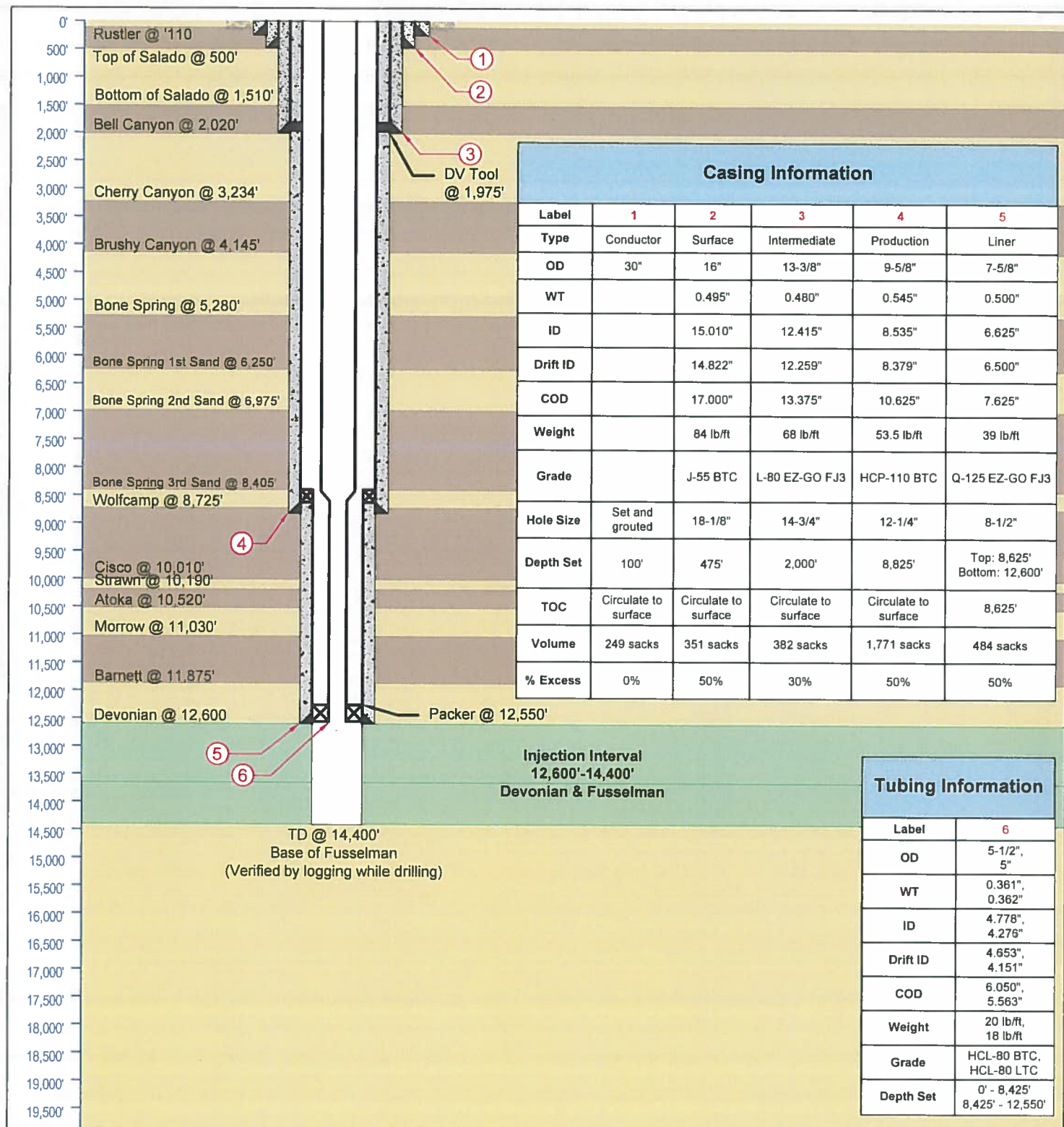
50,000 gallon acid job

X. Logging and Test Data on the Well

There are no logs or test data on the well. During the process of drilling and completion resistivity, gamma ray, and density logs will be run.

XI. Chemical Analysis of Fresh Water Wells

Attached is a map of the eighty-one (81) water wells that exist within one-mile of the well location. Samples from two of the wells have been obtained and analysis results will be provided as soon as possible. A Water Right Summary table downloaded from the New Mexico Office of the State Engineer is attached for the wells within a one-mile radius.



Casing Information					
Label	1	2	3	4	5
Type	Conductor	Surface	Intermediate	Production	Liner
OD	30"	16"	13-3/8"	9-5/8"	7-5/8"
WT		0.495"	0.480"	0.545"	0.500"
ID		15.010"	12.415"	8.535"	6.625"
Drift ID		14.822"	12.259"	8.379"	6.500"
COD		17.000"	13.375"	10.625"	7.625"
Weight		84 lb/ft	68 lb/ft	53.5 lb/ft	39 lb/ft
Grade		J-55 BTC	L-80 EZ-GO FJ3	HCP-110 BTC	Q-125 EZ-GO FJ3
Hole Size	Set and grouted	18-1/8"	14-3/4"	12-1/4"	8-1/2"
Depth Set	100'	475'	2,000'	8,825'	Top: 8,625' Bottom: 12,600'
TOC	Circulate to surface	Circulate to surface	Circulate to surface	Circulate to surface	8,625'
Volume	249 sacks	351 sacks	382 sacks	1,771 sacks	484 sacks
% Excess	0%	50%	30%	50%	50%

Tubing Information	
Label	6
OD	5-1/2", 5"
WT	0.361", 0.362"
ID	4.778", 4.276"
Drift ID	4.653", 4.151"
COD	6.050", 5.563"
Weight	20 lb/ft, 18 lb/ft
Grade	HCL-80 BTC, HCL-80 LTC
Depth Set	0' - 8,425', 8,425' - 12,550'

LONQUIST & CO. LLC PETROLEUM ENGINEERS ENERGY ADVISORS HOUSTON CALGARY AUSTIN WICHITA DENVER Texas License F-9147 12912 Hill Country Blvd. Ste F-200 Austin, Texas 78738 Tel: 512.732.9812 Fax: 512.732.9816	Solaris Water Midstream, LLC		Maley SWD No. 7		
	Country: USA				State/Province: New Mexico
	Location:		Site: 266' FNL, 366' FEL	Survey: S17-T22S-R27E	
	API No: NA		Field: Silurian-Devonian (Code: 97869)	Well Type/Status: SWD	
	NMOCD District No: 2		Project No: 1928	Date: 4/8/2019	
Drawn: TFM		Reviewed:	Approved:		
Rev No: 1		Notes:			

